

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021020\
 Data File : VY001578.D
 Acq On : 10 Feb 2020 11:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 2/11/2020 6:10:58 PM

Quant Time: Feb 11 06:01:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	208768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	360933	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	329920	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	155825	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	109695	52.19	ug/l	0.00
Spiked Amount			Recovery	=	104.38%	
35) Dibromofluoromethane	7.74	113	103391	49.68	ug/l	0.00
Spiked Amount			Recovery	=	99.36%	
50) Toluene-d8	10.19	98	434970	55.24	ug/l	0.00
Spiked Amount			Recovery	=	110.48%	
62) 4-Bromofluorobenzene	12.49	95	159982	51.57	ug/l	0.00
Spiked Amount			Recovery	=	103.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	89051	43.576	ug/l	94
3) Chloromethane	2.13	50	115571	54.109	ug/l	99
4) Vinyl Chloride	2.26	62	119571	53.915	ug/l	99
5) Bromomethane	2.66	94	76913	55.144	ug/l	96
6) Chloroethane	2.81	64	75205	56.257	ug/l	98
7) Trichlorofluoromethane	3.15	101	158017	43.044	ug/l	99
8) Diethyl Ether	3.55	74	60513	48.848	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.92	101	102333	46.330	ug/l	99
10) Methyl Iodide	4.11	142	128698	45.728	ug/l	99
11) Tert butyl alcohol	4.98	59	55095	230.438	ug/l #	86
12) 1,1-Dichloroethene	3.90	96	99888	45.509	ug/l	97
13) Acrolein	3.75	56	58656	294.703	ug/l	99
14) Allyl chloride	4.50	41	180326	53.705	ug/l	95
15) Acrylonitrile	5.19	53	159756	281.306	ug/l	98
16) Acetone	3.97	43	174601	287.161	ug/l	98
17) Carbon Disulfide	4.22	76	332035	47.519	ug/l	99
18) Methyl Acetate	4.50	43	70830	54.589	ug/l	95
19) Methyl tert-butyl Ether	5.25	73	278679	47.743	ug/l	98
20) Methylene Chloride	4.74	84	116116	48.645	ug/l	90
21) trans-1,2-Dichloroethene	5.25	96	114545	46.944	ug/l	96
22) Diisopropyl ether	6.14	45	371106	55.786	ug/l	97
23) Vinyl Acetate	6.09	43	1216698	287.307	ug/l	95
24) 1,1-Dichloroethane	6.05	63	198915	49.712	ug/l	99
25) 2-Butanone	7.01	43	237883	301.569	ug/l	94
26) 2,2-Dichloropropane	7.00	77	176872	46.186	ug/l	99
27) cis-1,2-Dichloroethene	7.01	96	126615	47.509	ug/l	96
28) Bromochloromethane	7.36	49	91118	66.845	ug/l	89
29) Tetrahydrofuran	7.37	42	141441	299.161	ug/l	93
30) Chloroform	7.53	83	190201	46.927	ug/l	97
31) Cyclohexane	7.80	56	204466	49.954	ug/l	95
32) 1,1,1-Trichloroethane	7.72	97	168012	45.721	ug/l	96
36) 1,1-Dichloropropene	7.94	75	160956	48.747	ug/l	99
37) Ethyl Acetate	7.10	43	92774	58.041	ug/l	95
38) Carbon Tetrachloride	7.92	117	147031	46.025	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	214937	49.438	ug/l	99
40) Benzene	8.18	78	470161	49.922	ug/l	98
41) Methacrylonitrile	7.34	41	43184m	58.293	ug/l	
42) 1,2-Dichloroethane	8.25	62	126658	48.272	ug/l	100
43) Isopropyl Acetate	8.29	43	180547	57.049	ug/l	95
44) Trichloroethene	8.96	130	120497	47.466	ug/l	99
45) 1,2-Dichloropropane	9.23	63	118195	51.972	ug/l	99
46) Dibromomethane	9.32	93	61820	48.409	ug/l	100
47) Bromodichloromethane	9.51	83	149438	48.028	ug/l	99
48) Methyl methacrylate	9.30	41	81443	56.700	ug/l	93
49) 1,4-Dioxane	9.31	88	17132	1015.830	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	464722	298.174	ug/l	96
52) Toluene	10.25	92	299078	50.049	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	168919	49.843	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	191092	49.115	ug/l	96
55) 1,1,2-Trichloroethane	10.66	97	91890	50.153	ug/l	98
56) Ethyl methacrylate	10.52	69	141073	54.134	ug/l	96
57) 1,3-Dichloropropane	10.80	76	163122	50.506	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	277773	289.743	ug/l	95
59) 2-Hexanone	10.84	43	347880	306.986	ug/l	98
60) Dibromochloromethane	10.99	129	103736	48.032	ug/l	100
61) 1,2-Dibromoethane	11.10	107	87949	48.735	ug/l	99
64) Tetrachloroethene	10.73	164	98377	45.468	ug/l	98
65) Chlorobenzene	11.52	112	305645	47.182	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	104862	46.251	ug/l	99
67) Ethyl Benzene	11.60	91	575108	48.016	ug/l	99
68) m/p-Xylenes	11.71	106	431976	96.071	ug/l	98
69) o-Xylene	12.03	106	203569	48.017	ug/l	99
70) Styrene	12.05	104	359143	48.987	ug/l	98
71) Bromoform	12.21	173	61346	48.593	ug/l #	99
73) Isopropylbenzene	12.34	105	556064	46.789	ug/l	100
74) N-amyl acetate	12.15	43	173243	56.098	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.59	83	117928	52.228	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	83365m	49.748	ug/l	
77) Bromobenzene	12.61	156	118676	46.143	ug/l	94
78) n-propylbenzene	12.67	91	682872	47.996	ug/l	100
79) 2-Chlorotoluene	12.77	91	378269	46.642	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	466546	46.614	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	44464	51.342	ug/l	97
82) 4-Chlorotoluene	12.86	91	400793	47.135	ug/l	100
83) tert-Butylbenzene	13.08	119	392934	46.445	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	458413	46.276	ug/l	100
85) sec-Butylbenzene	13.26	105	573437	48.209	ug/l	100
86) p-Isopropyltoluene	13.38	119	499882	47.690	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	231453	46.958	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	230944	46.769	ug/l	100
89) n-Butylbenzene	13.70	91	507552	49.076	ug/l	100
90) Hexachloroethane	13.97	117	94233	46.839	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	213300	47.753	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	19551	46.903	ug/l	98

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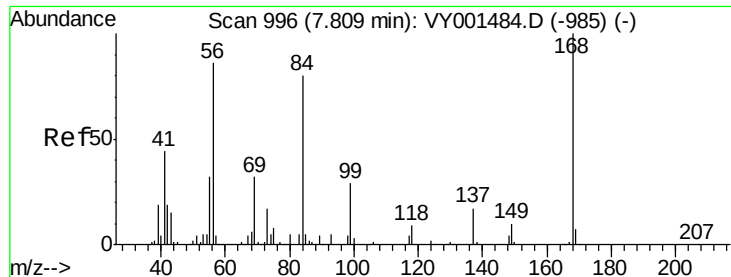
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	138466	46.001	ug/l	98
94) Hexachlorobutadiene	15.12	225	67629	44.268	ug/l	99
95) Naphthalene	15.24	128	323097	45.672	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	123799	46.592	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY001578.D

Acq: 10 Feb 2020 11:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 208768

Ion Ratio Lower Upper

168 100

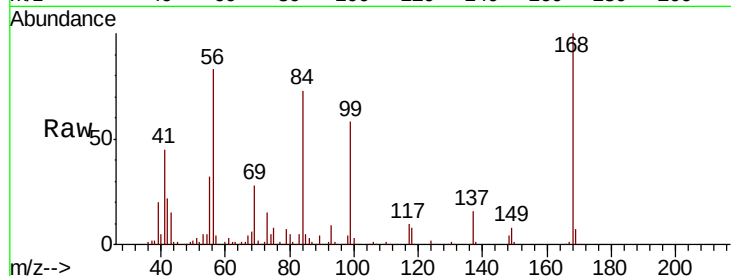
99 57.9 48.2 72.4

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Abundance Ion 167.90 (167.60 to 168.60): VY001578.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY001578.D (-947) (-)

7.81

100000

80000

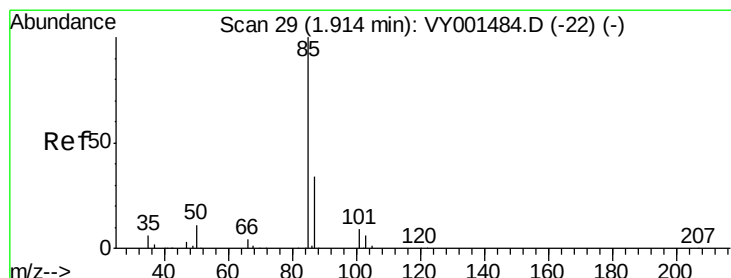
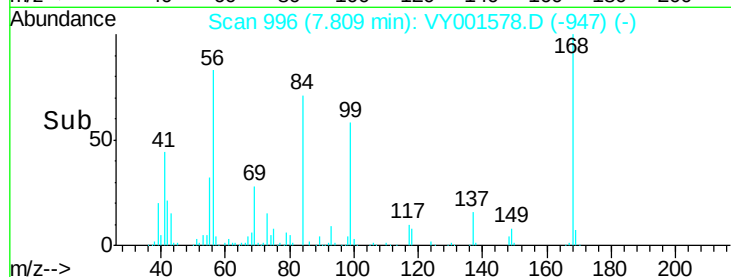
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 43.576 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY001578.D

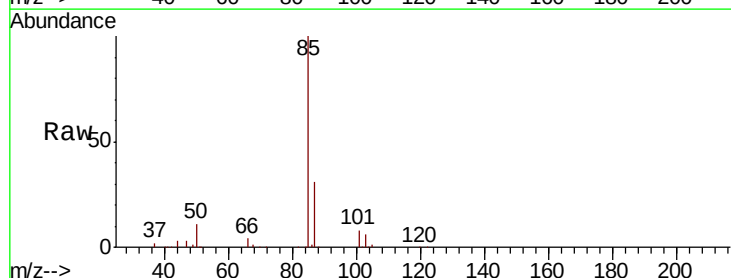
Acq: 10 Feb 2020 11:56

Tgt Ion: 85 Resp: 89051

Ion Ratio Lower Upper

85 100

87 30.6 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VY001578.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY001578.D (-1) (-)

1.91

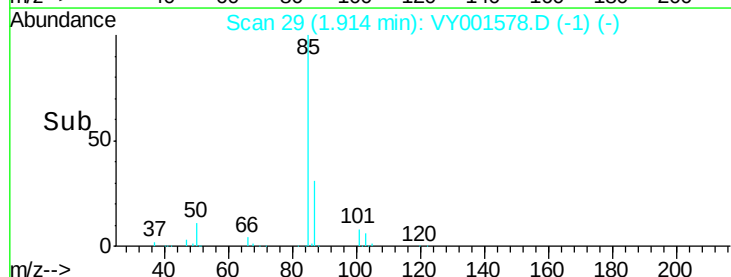
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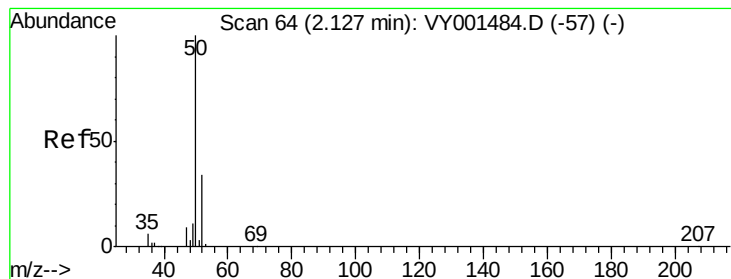
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20000

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Time-->





#3

Chloromethane

Concen: 54.109 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY001578.D

Acq: 10 Feb 2020 11:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 115571

Ion Ratio Lower Upper

50 100

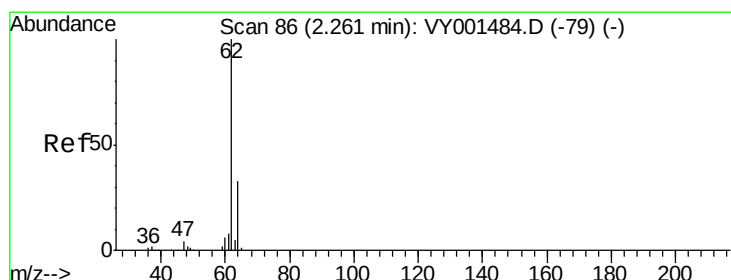
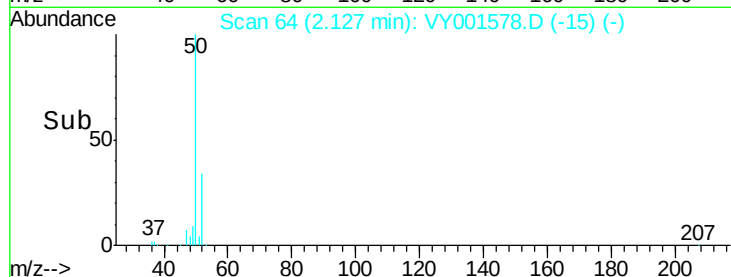
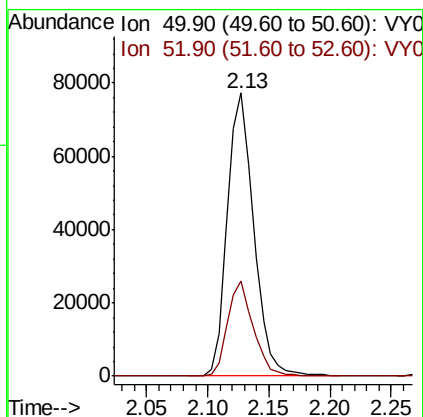
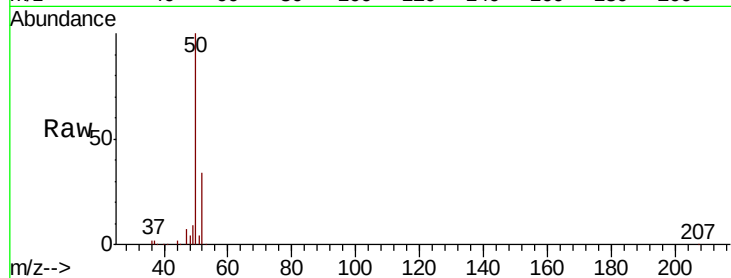
52 33.6 27.3 40.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 53.915 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY001578.D

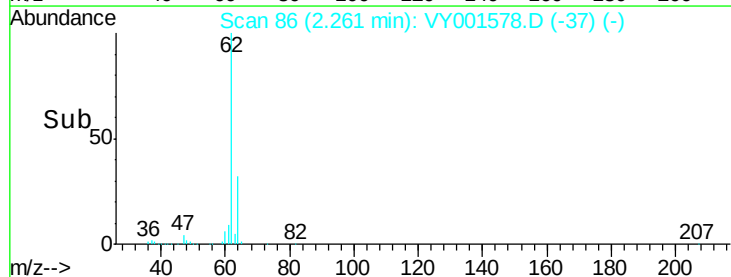
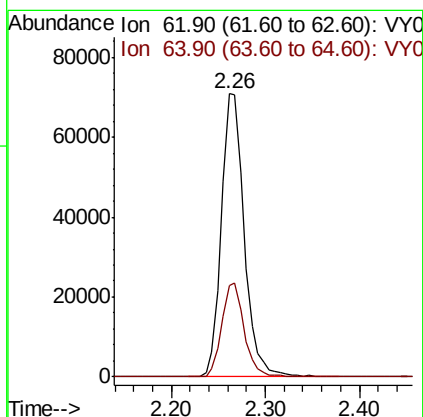
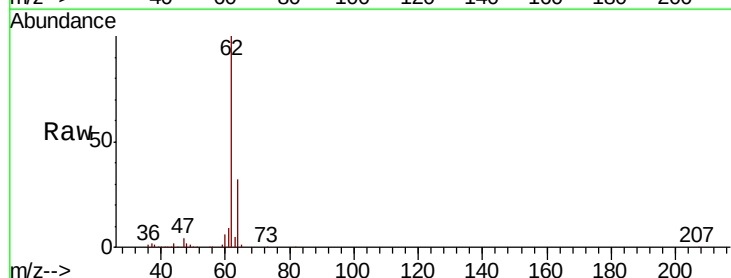
Acq: 10 Feb 2020 11:56

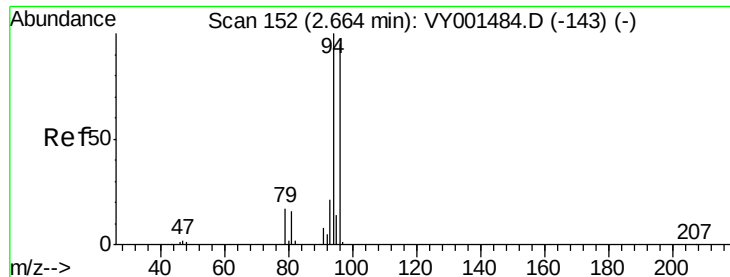
Tgt Ion: 62 Resp: 119571

Ion Ratio Lower Upper

62 100

64 32.4 26.4 39.6





#5

Bromomethane

Concen: 55.144 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY001578.D

Acq: 10 Feb 2020 11:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 76913

Ion Ratio Lower Upper

94 100

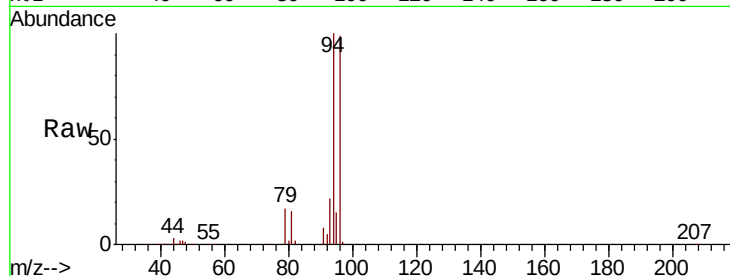
96 99.4 76.2 114.2

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VY001578.D (-103) (-)

Ion 95.90 (95.60 to 96.60): VY001578.D (-103) (-)

2.66

40000

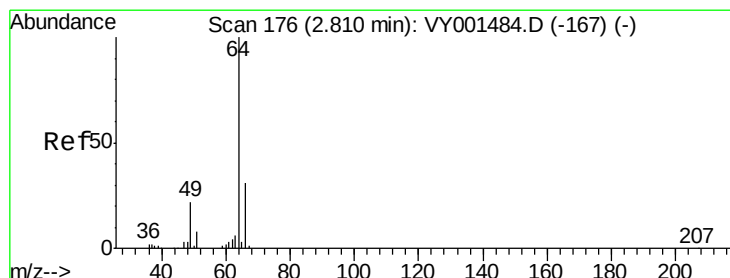
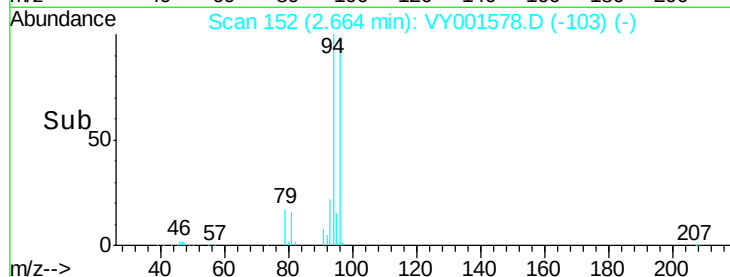
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 56.257 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.00 min

Lab File: VY001578.D

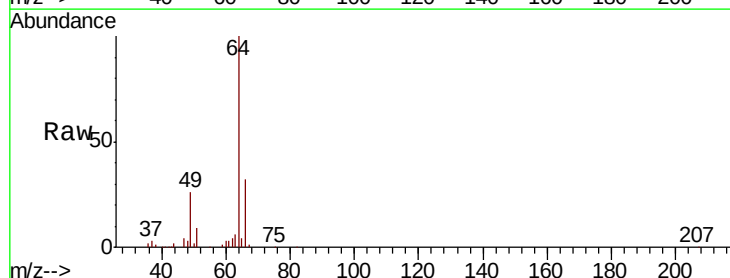
Acq: 10 Feb 2020 11:56

Tgt Ion: 64 Resp: 75205

Ion Ratio Lower Upper

64 100

66 31.7 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VY001578.D (-127) (-)

Ion 65.90 (65.60 to 66.60): VY001578.D (-127) (-)

2.81

40000

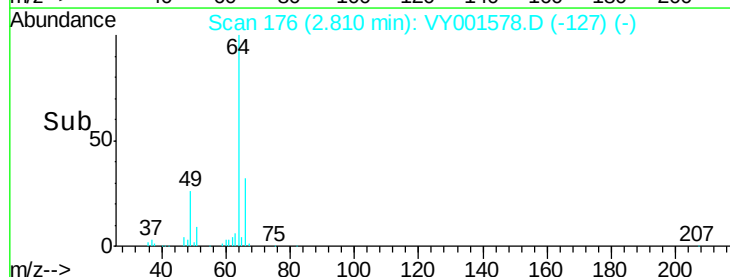
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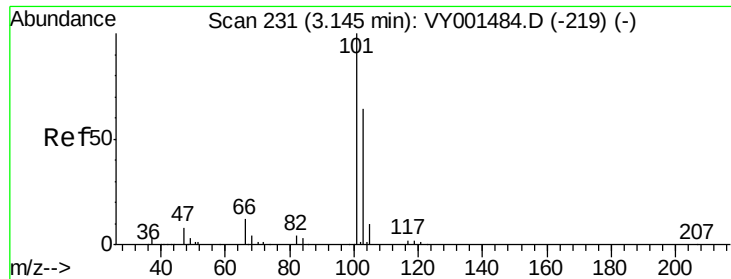
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Time-->





#7

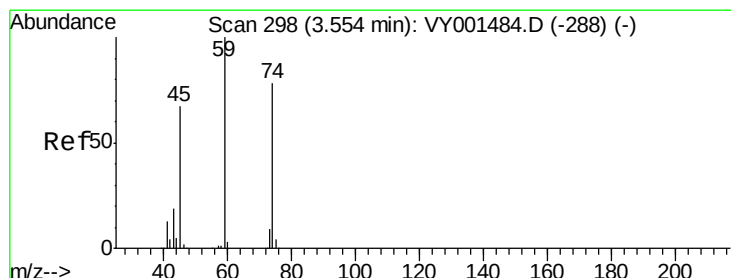
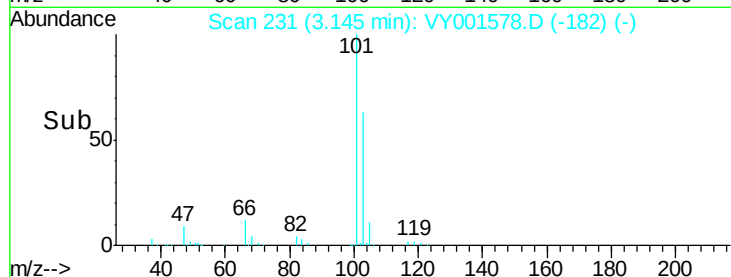
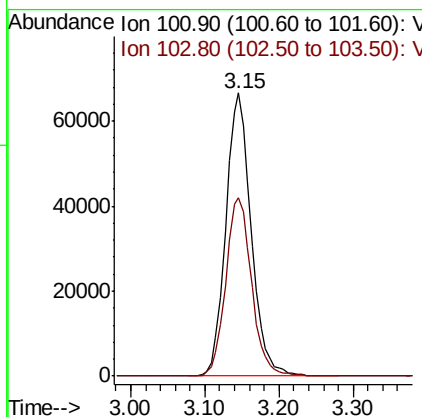
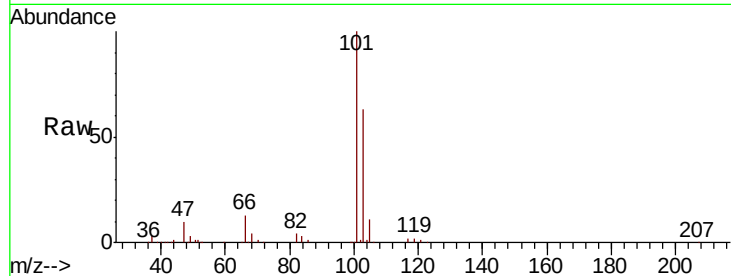
Trichlorofluoromethane
 Concen: 43.044 ug/l
 RT: 3.15 min Scan# 231
 Delta R.T. 0.00 min
 Lab File: VY001578.D
 Acq: 10 Feb 2020 11:56

Instrument :
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 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	158017		
103	63.2	50.9	76.3	

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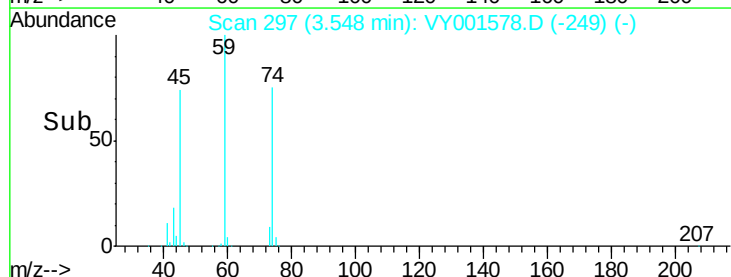
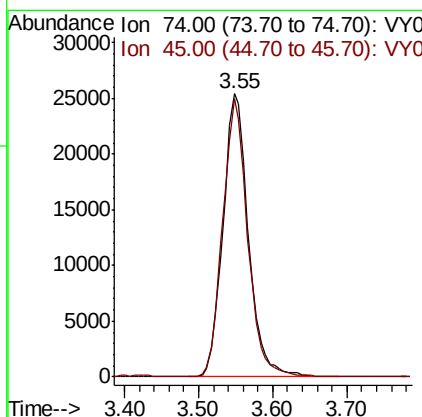
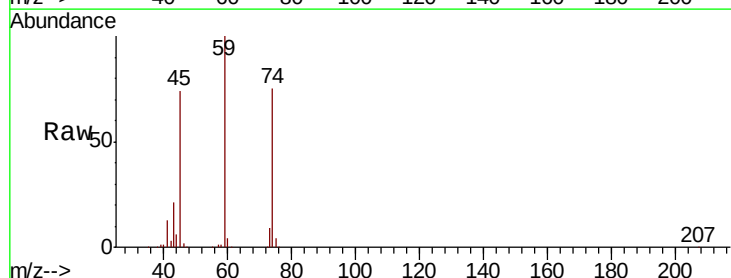
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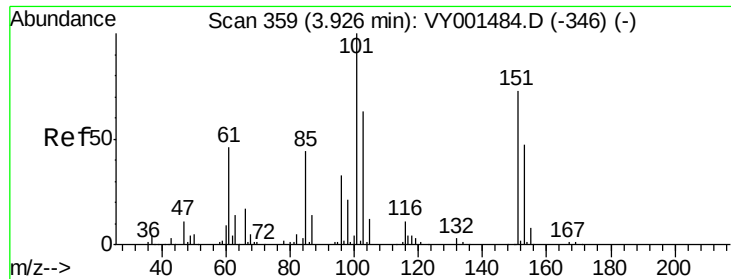


#8

Diethyl Ether
 Concen: 48.848 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. -0.01 min
 Lab File: VY001578.D
 Acq: 10 Feb 2020 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	60513		
45	96.9	44.5	133.5	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.330 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.01 min

Lab File: VY001578.D

Acq: 10 Feb 2020 11:56

Instrument :

MSVOA_Y

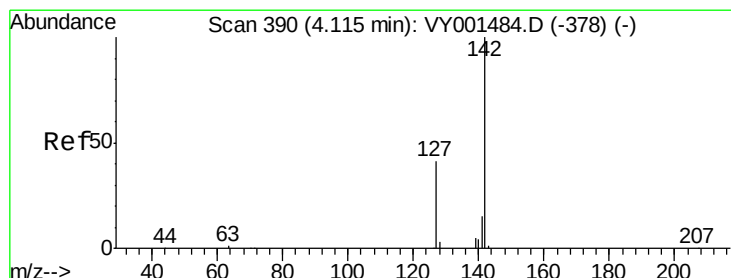
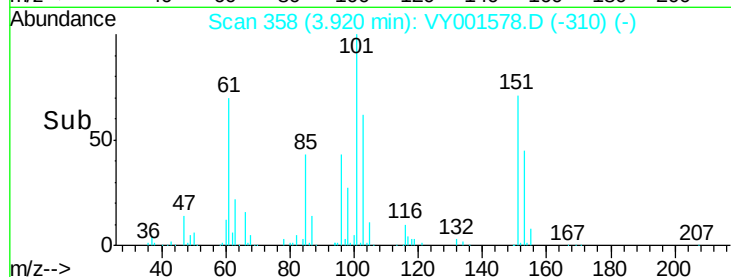
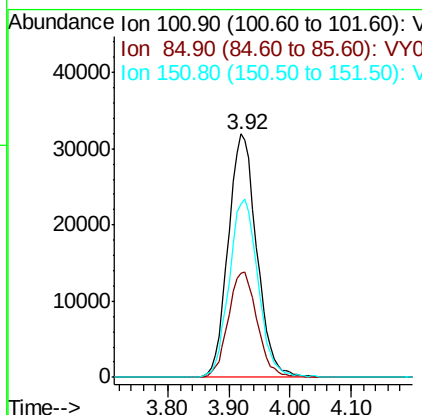
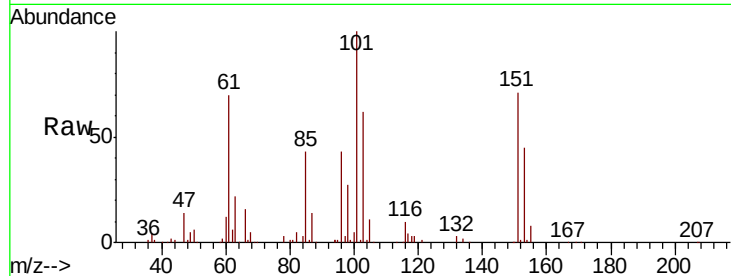
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	102333
Ion Ratio	Lower	Upper	
101	100		
85	43.8	34.6	51.8
151	74.2	60.3	90.5

Manual Integrations
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#10

Methyl Iodide

Concen: 45.728 ug/l

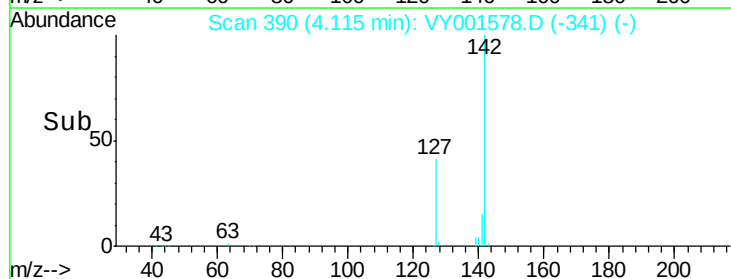
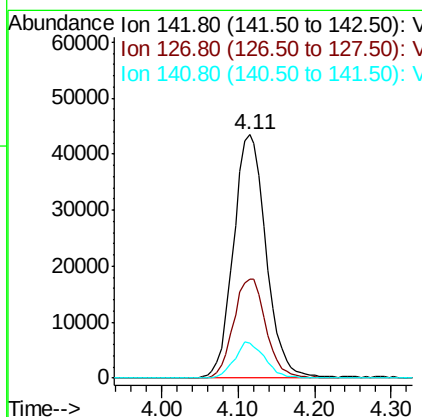
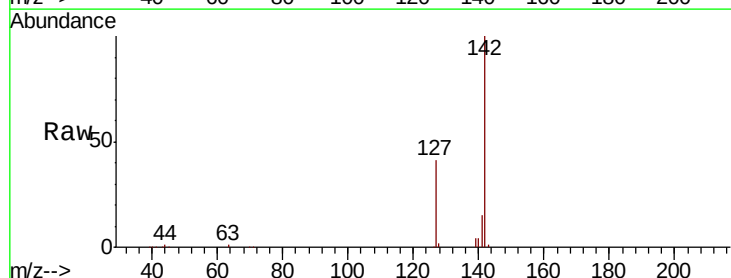
RT: 4.11 min Scan# 390

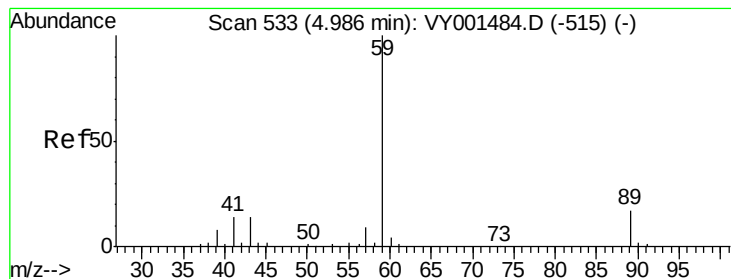
Delta R.T. 0.00 min

Lab File: VY001578.D

Acq: 10 Feb 2020 11:56

Tgt Ion:	142	Resp:	128698
Ion Ratio	Lower	Upper	
142	100		
127	40.5	33.3	49.9
141	14.0	11.5	17.3





#11

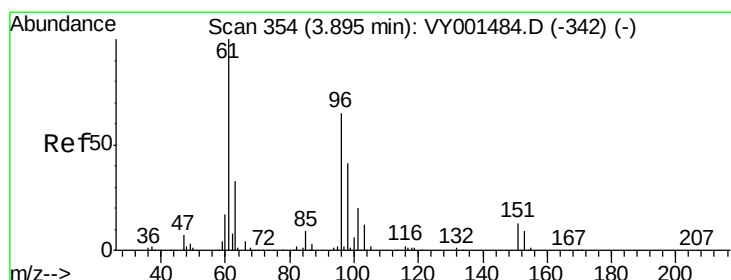
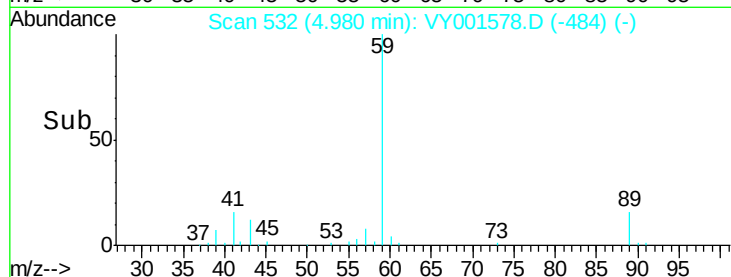
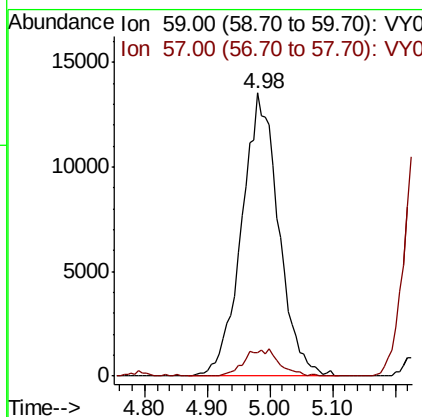
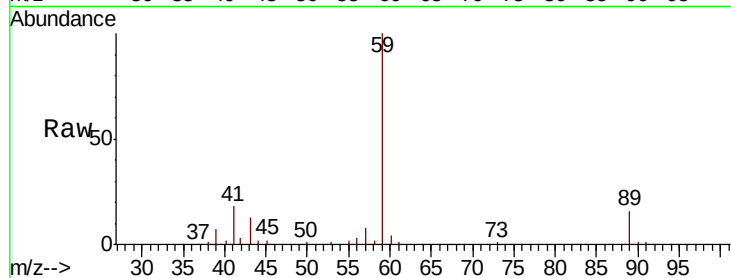
Tert butyl alcohol
Concen: 230.438 ug/l
RT: 4.98 min Scan# 532
Delta R.T. -0.01 min
Lab File: VY001578.D
Acq: 10 Feb 2020 11:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 55095
Ion Ratio Lower Upper
59 100
57 3.9 7.0 10.6#

Manual Integrations
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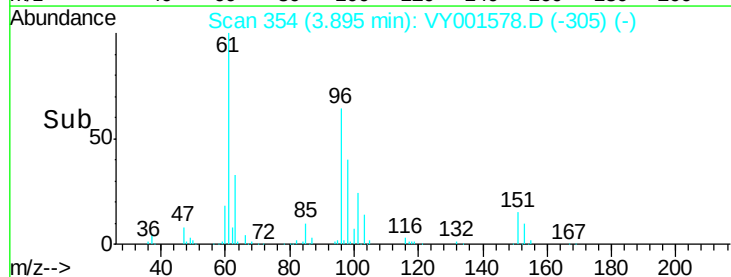
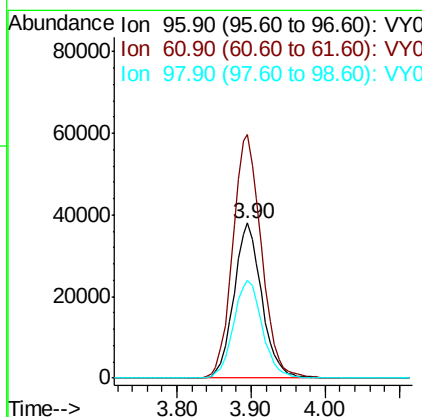
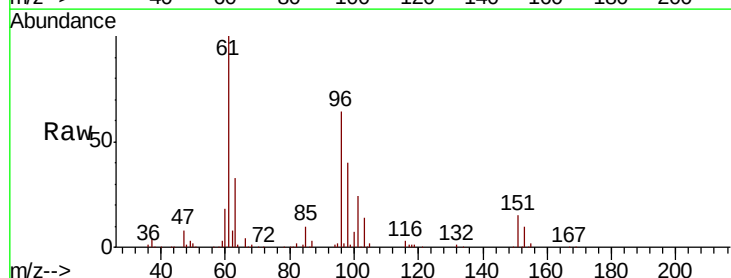
MMDadoda
2/11/2020 6:10:58 PM

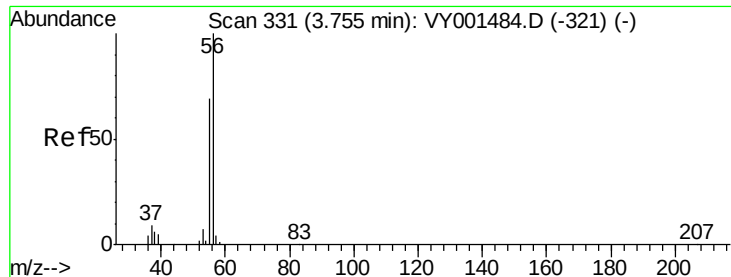


#12

1,1-Dichloroethene
Concen: 45.509 ug/l
RT: 3.90 min Scan# 354
Delta R.T. 0.00 min
Lab File: VY001578.D
Acq: 10 Feb 2020 11:56

Tgt Ion: 96 Resp: 99888
Ion Ratio Lower Upper
96 100
61 156.9 122.3 183.5
98 62.9 49.7 74.5





#13

Acrolein

Concen: 294.703 ug/l

RT: 3.75 min Scan# 331

Delta R.T. 0.00 min

Lab File: VY001578.D

Acq: 10 Feb 2020 11:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 58656

Ion Ratio Lower Upper

56 100

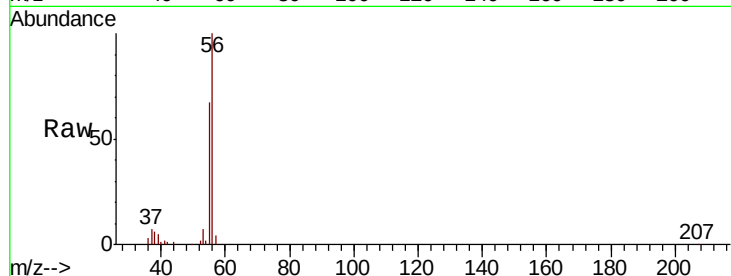
55 69.6 56.2 84.4

Manual Integrations

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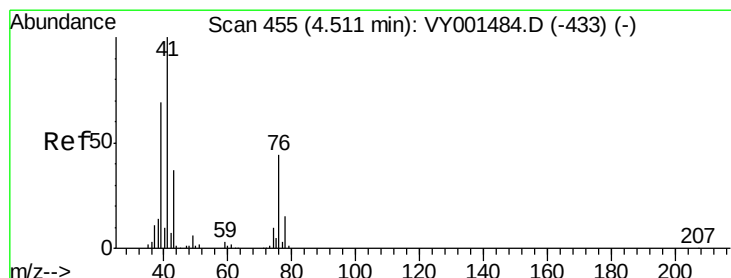
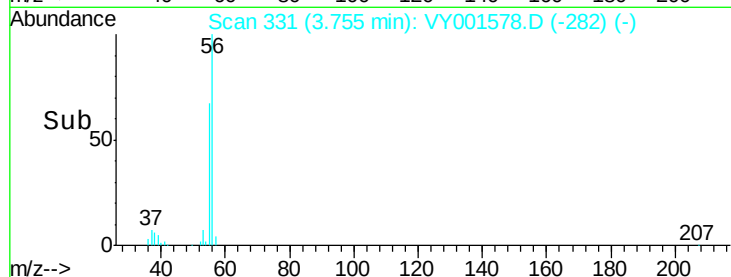
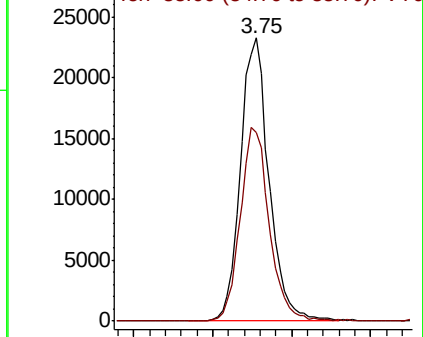
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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 53.705 ug/l

RT: 4.50 min Scan# 454

Delta R.T. -0.01 min

Lab File: VY001578.D

Acq: 10 Feb 2020 11:56

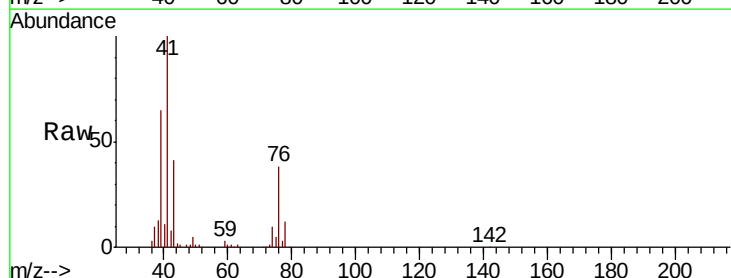
Tgt Ion: 41 Resp: 180326

Ion Ratio Lower Upper

41 100

39 63.4 53.0 79.6

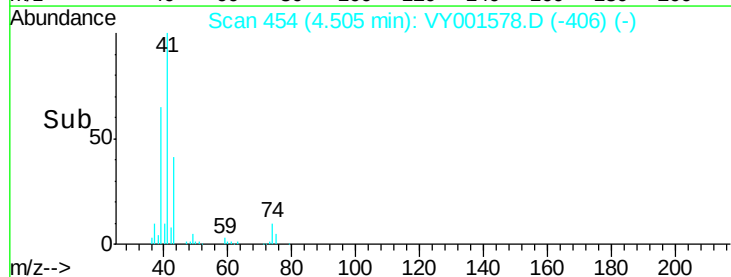
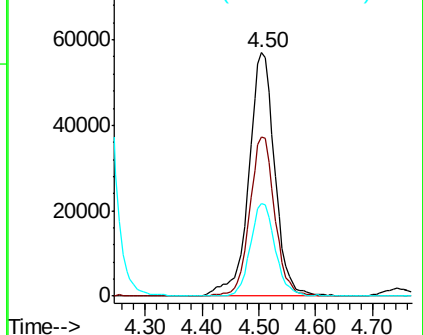
76 36.4 32.6 48.8

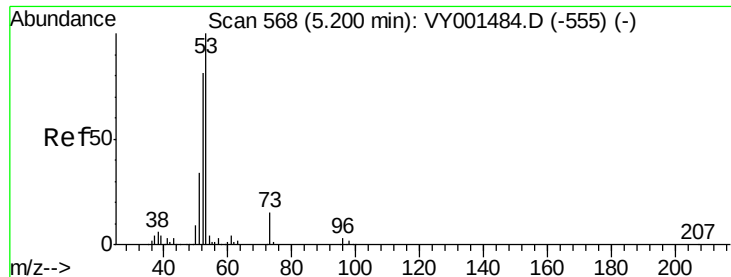


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 281.306 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.01 min

Lab File: VY001578.D

Acq: 10 Feb 2020 11:56

Instrument :

MSVOA_Y

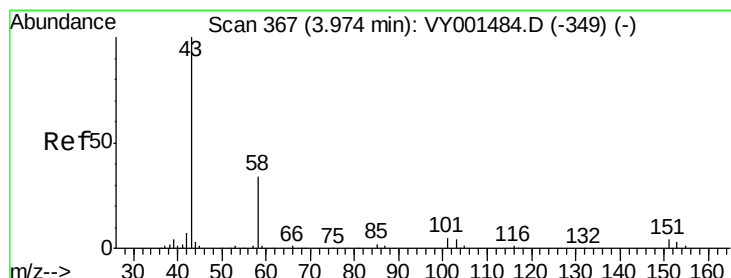
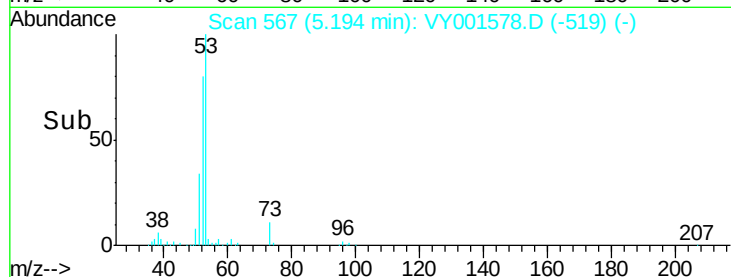
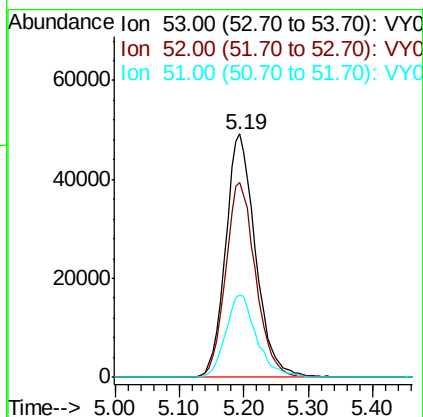
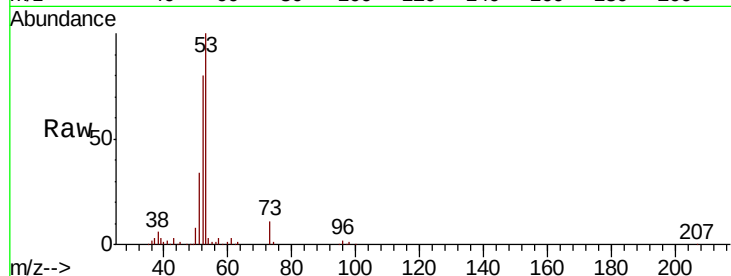
ClientSampleId :

VSTDCCC050

Tot Ion	53	Resp	159756
Ion Ratio	Lower	Upper	
53	100		
52	80.5	65.4	98.2
51	35.1	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 287.161 ug/l

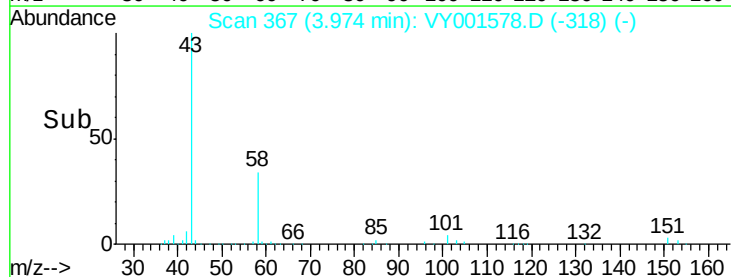
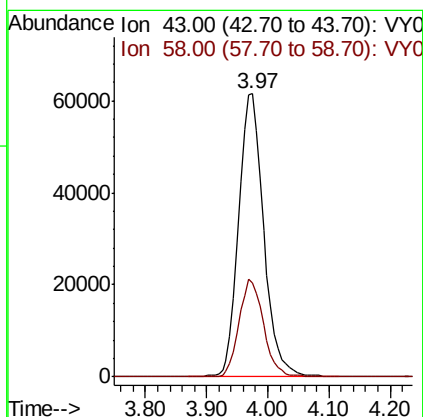
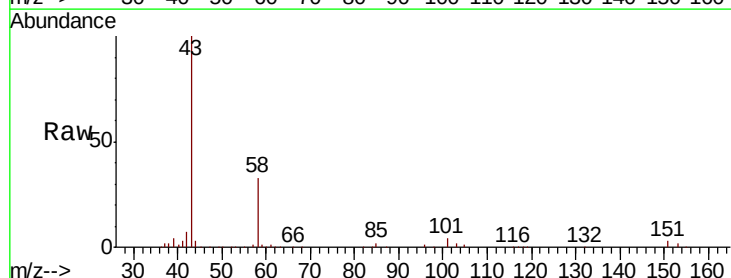
RT: 3.97 min Scan# 367

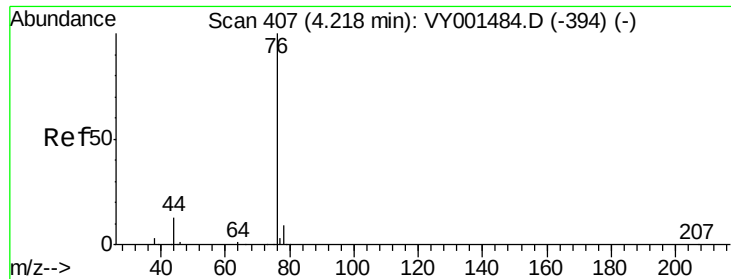
Delta R.T. 0.00 min

Lab File: VY001578.D

Acq: 10 Feb 2020 11:56

Tgt Ion	43	Resp	174601
Ion Ratio	Lower	Upper	
43	100		
58	33.4	27.5	41.3





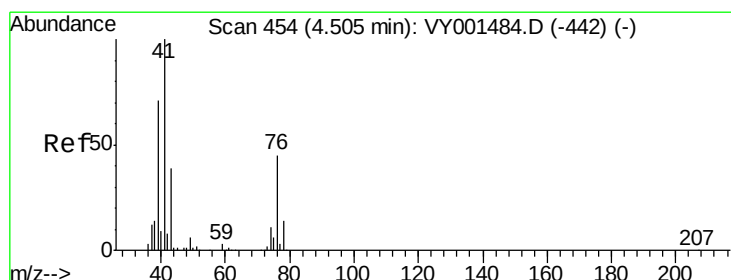
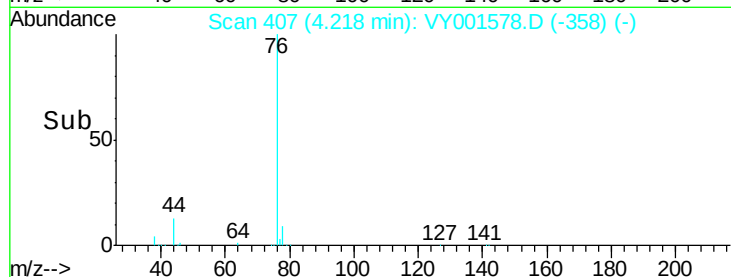
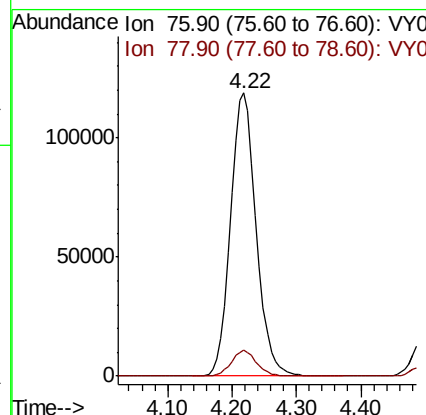
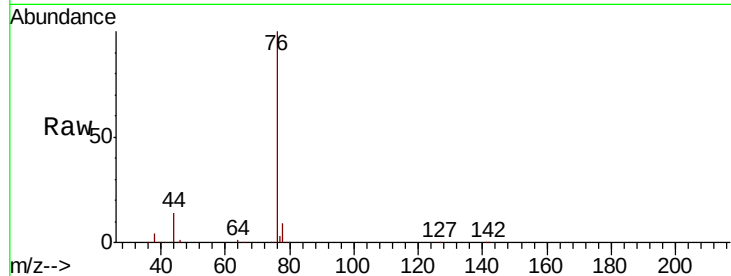
#17
Carbon Disulfide
Concen: 47.519 ug/l
RT: 4.22 min Scan# 407
Delta R.T. 0.00 min
Lab File: VY001578.D
Acq: 10 Feb 2020 11:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.0	10.6

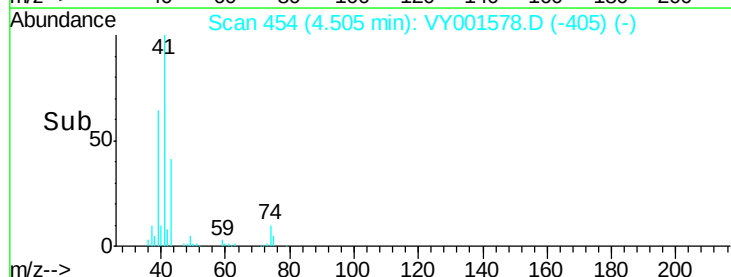
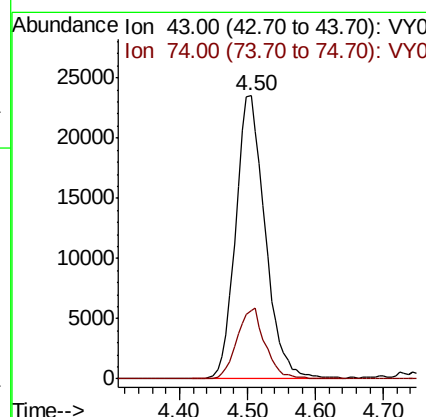
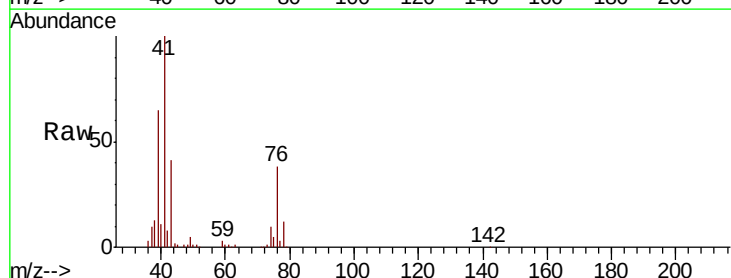
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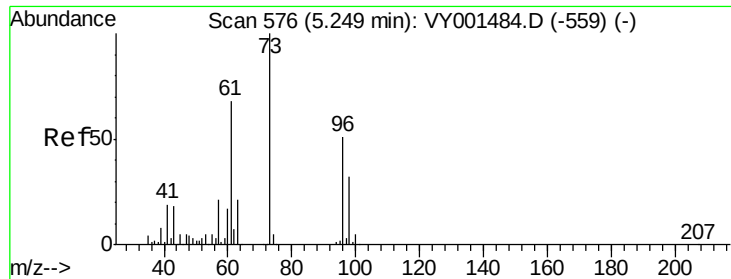
MMDadoda
2/11/2020 6:10:58 PM



#18
Methyl Acetate
Concen: 54.589 ug/l
RT: 4.50 min Scan# 454
Delta R.T. 0.00 min
Lab File: VY001578.D
Acq: 10 Feb 2020 11:56

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.6	21.0	31.6





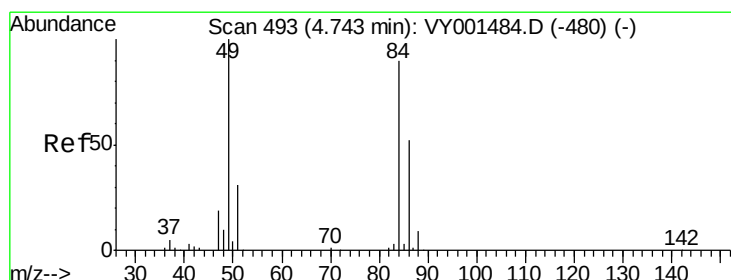
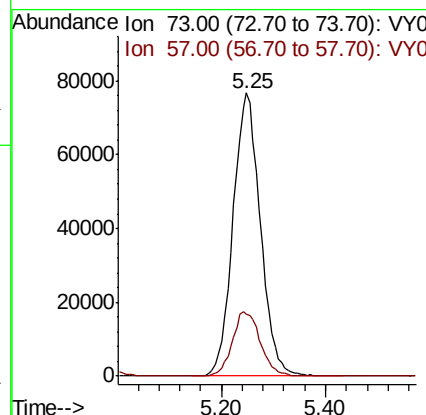
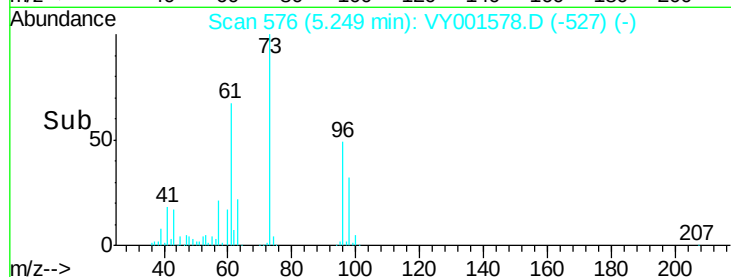
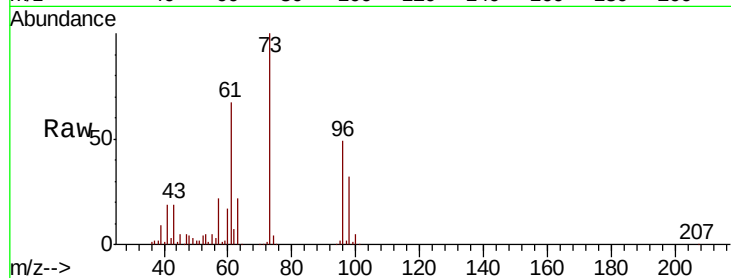
#19
Methyl tert-butyl Ether
Concen: 47.743 ug/l
RT: 5.25 min Scan# 576
Delta R.T. 0.00 min
Lab File: VY001578.D
Acq: 10 Feb 2020 11:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 278679
Ion Ratio Lower Upper
73 100
57 22.1 17.0 25.6

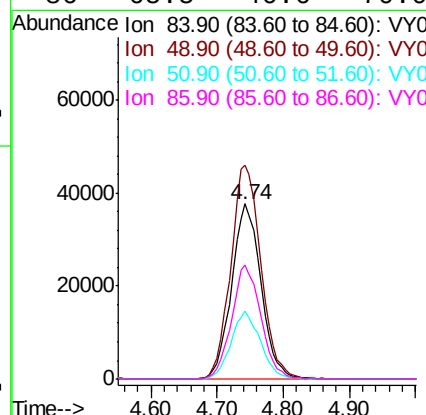
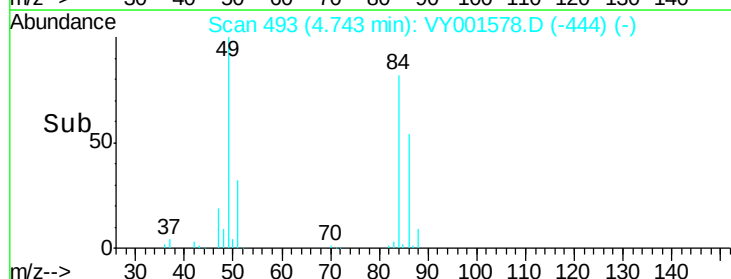
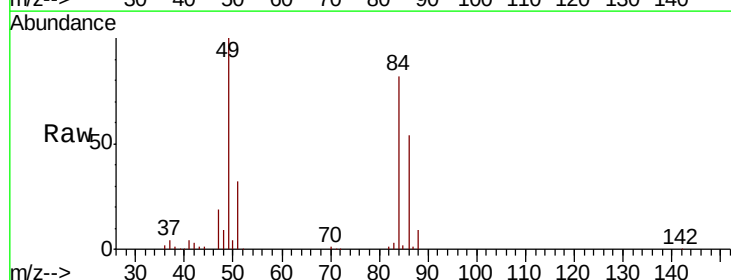
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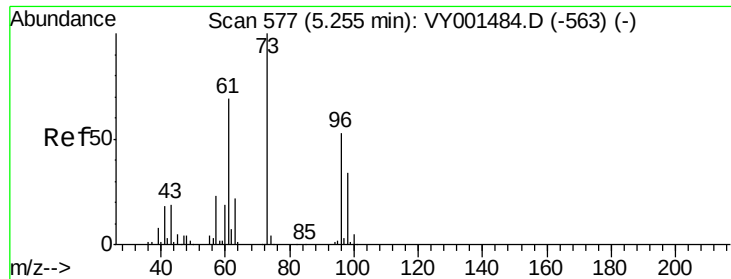
MMDadoda
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#20
Methylene Chloride
Concen: 48.645 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.00 min
Lab File: VY001578.D
Acq: 10 Feb 2020 11:56

Tgt Ion: 84 Resp: 116116
Ion Ratio Lower Upper
84 100
49 122.1 89.0 133.6
51 38.5 27.4 41.2
86 65.5 46.6 70.0





#21

trans-1,2-Dichloroethene

Concen: 46.944 ug/l

RT: 5.25 min Scan# 576

Delta R.T. -0.01 min

Lab File: VY001578.D

Acq: 10 Feb 2020 11:56

Instrument :

MSVOA_Y

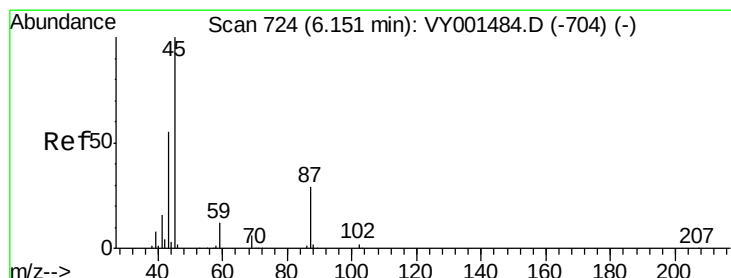
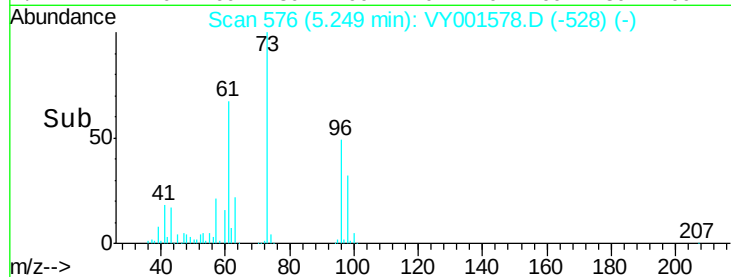
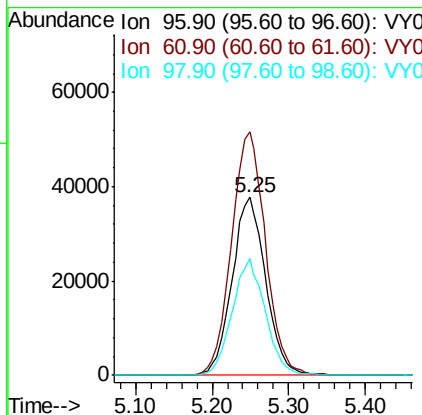
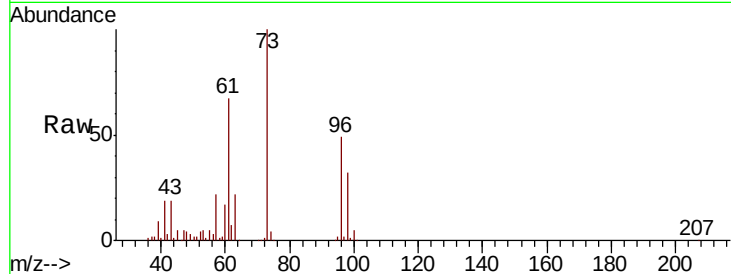
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	114545
Ion	Ratio	Lower	Upper
96	100		
61	136.9	104.2	156.4
98	65.8	51.4	77.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 55.786 ug/l

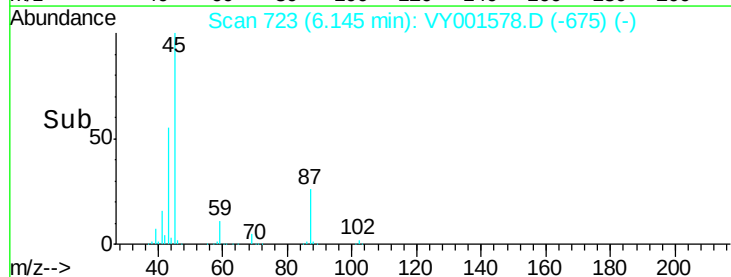
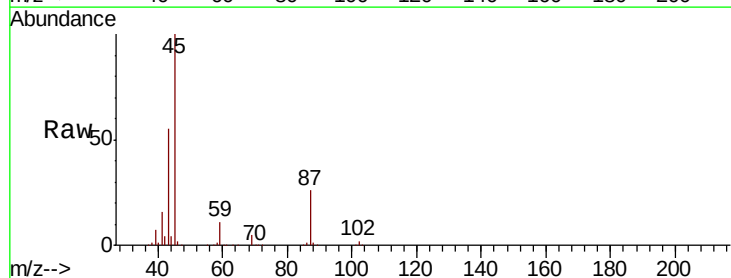
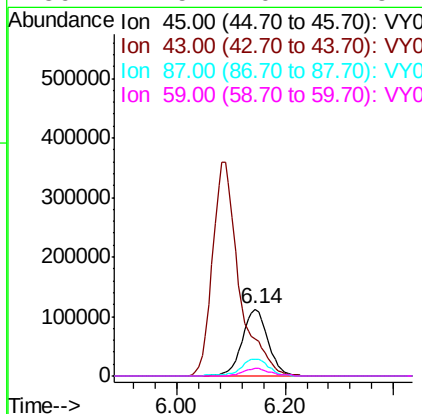
RT: 6.14 min Scan# 723

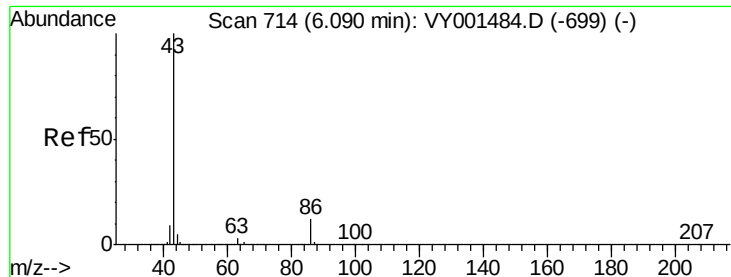
Delta R.T. -0.01 min

Lab File: VY001578.D

Acq: 10 Feb 2020 11:56

Tgt Ion:	45	Resp:	371106
Ion	Ratio	Lower	Upper
45	100		
43	55.1	44.2	66.4
87	25.5	23.9	35.9
59	11.5	10.2	15.2





#23

Vinyl Acetate

Concen: 287.307 ug/l

RT: 6.09 min Scan# 714

Delta R.T. 0.00 min

Lab File: VY001578.D

Acq: 10 Feb 2020 11:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1216698

Ion Ratio Lower Upper

43 100

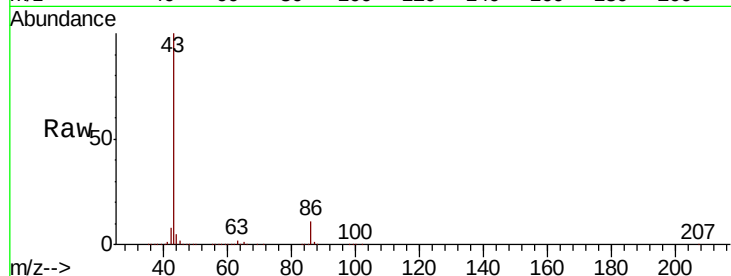
86 10.5 9.8 14.8

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.09

400000

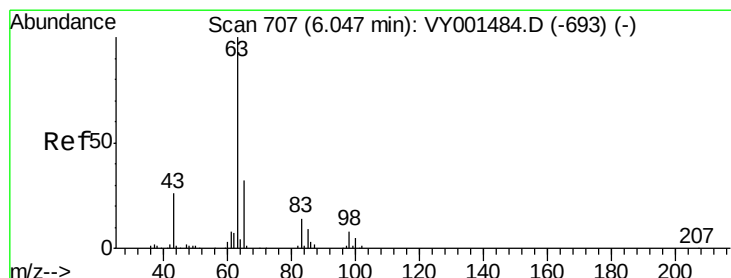
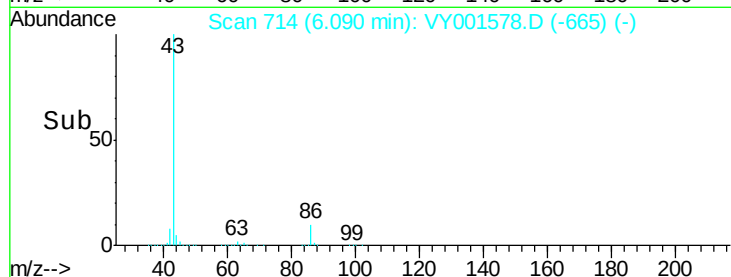
300000

200000

100000

0

Time--> 5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 49.712 ug/l

RT: 6.05 min Scan# 707

Delta R.T. 0.00 min

Lab File: VY001578.D

Acq: 10 Feb 2020 11:56

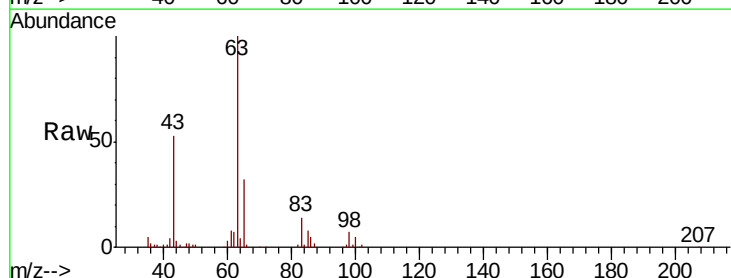
Tgt Ion: 63 Resp: 198915

Ion Ratio Lower Upper

63 100

98 7.2 4.0 11.9

100 5.4 2.6 8.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.05

80000

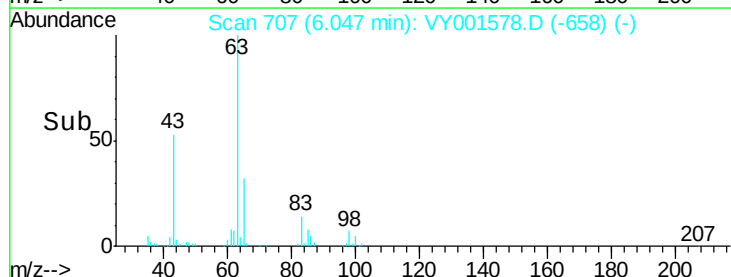
60000

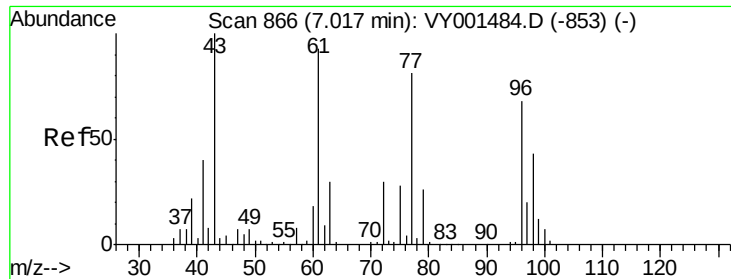
40000

20000

0

Time--> 5.90 6.00 6.10 6.20





#25

2-Butanone

Concen: 301.569 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001578.D

Acq: 10 Feb 2020 11:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 237883

Ion Ratio Lower Upper

43 100

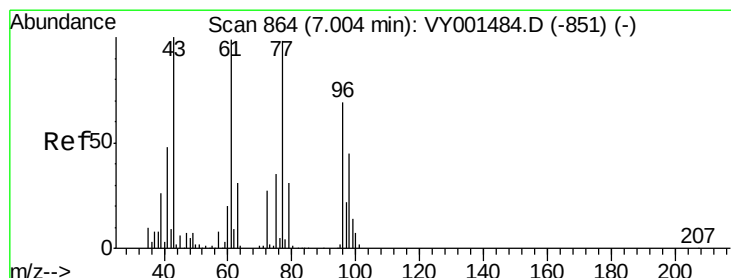
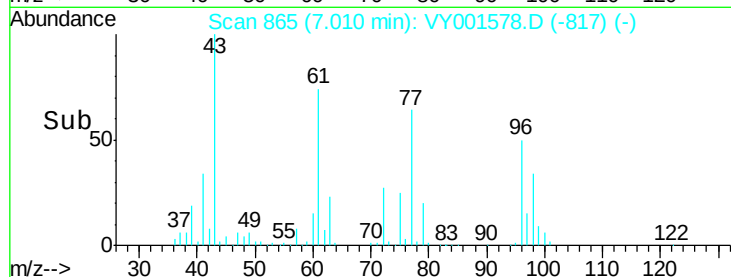
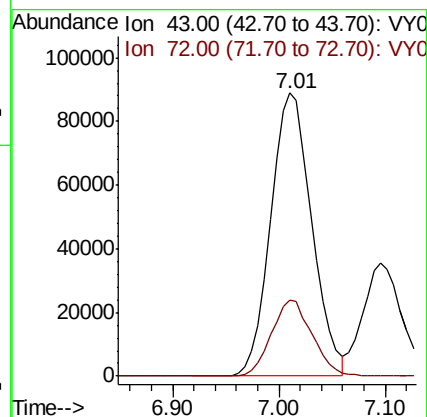
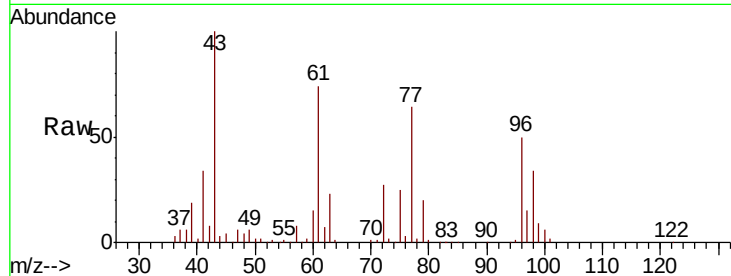
72 26.8 23.8 35.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 46.186 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.00 min

Lab File: VY001578.D

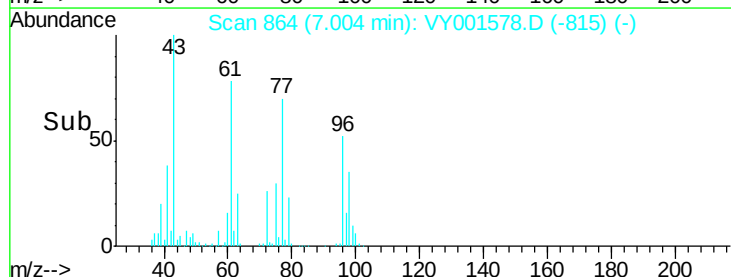
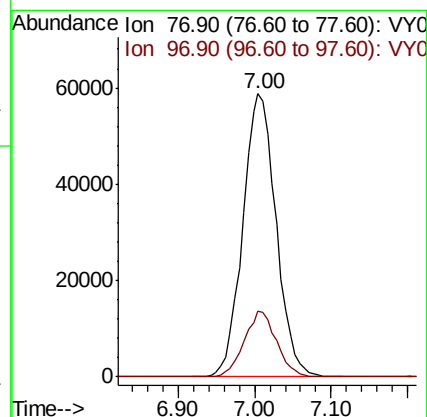
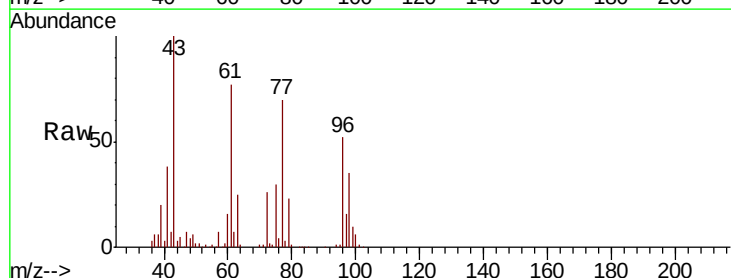
Acq: 10 Feb 2020 11:56

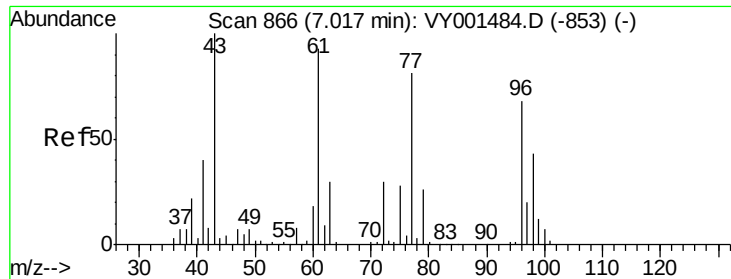
Tgt Ion: 77 Resp: 176872

Ion Ratio Lower Upper

77 100

97 22.6 11.7 35.0





#27

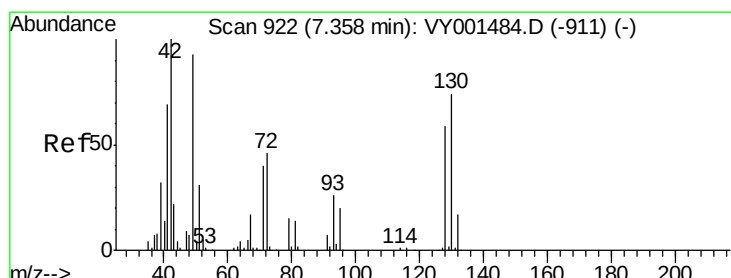
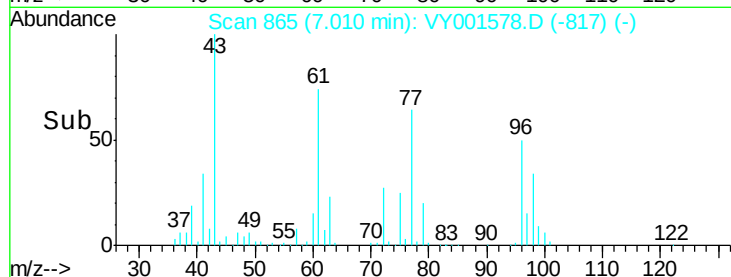
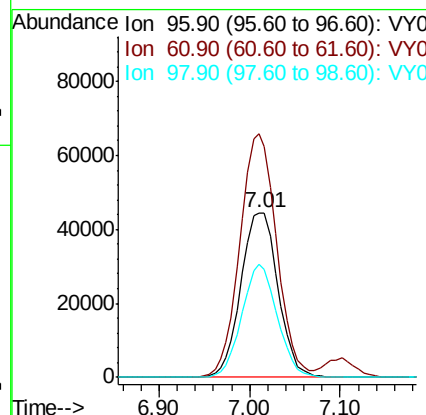
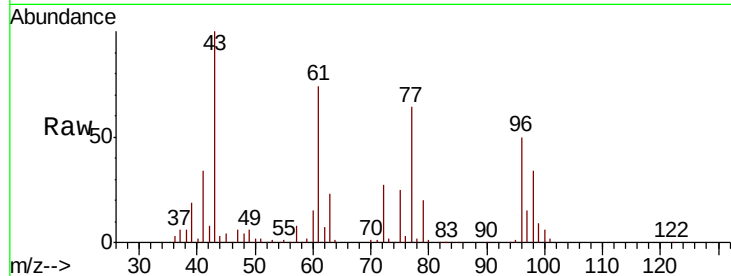
cis-1,2-Dichloroethene
Concen: 47.509 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001578.D
Acq: 10 Feb 2020 11:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	146.2	0.0	278.8	
98	64.9	0.0	128.8	

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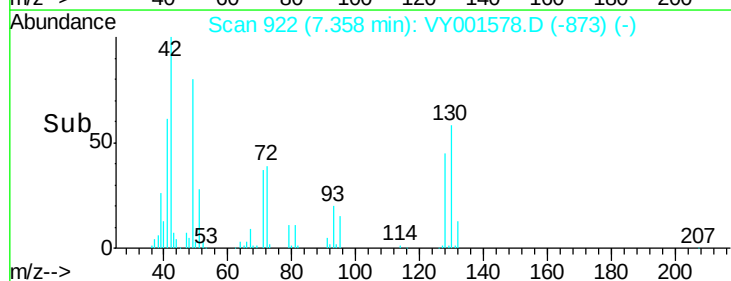
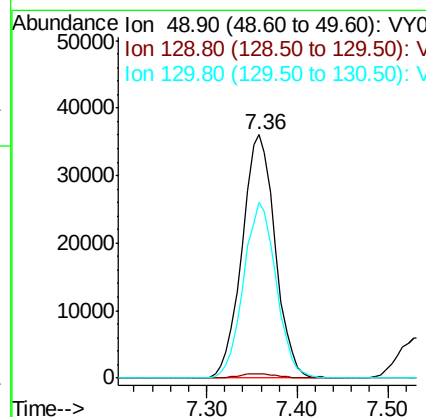
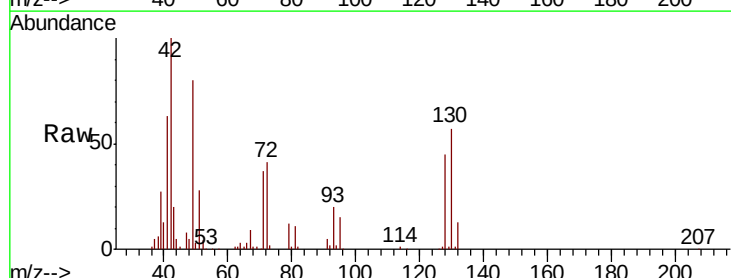
MMDadoda
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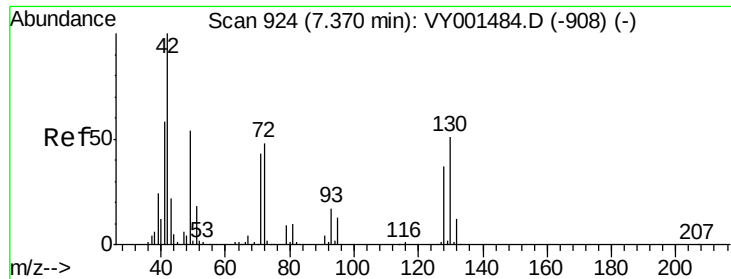


#28

Bromochloromethane
Concen: 66.845 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.00 min
Lab File: VY001578.D
Acq: 10 Feb 2020 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.9	0.0	4.8	
130	71.4	65.4	98.2	





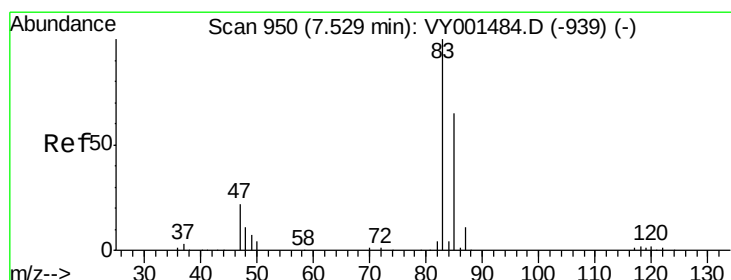
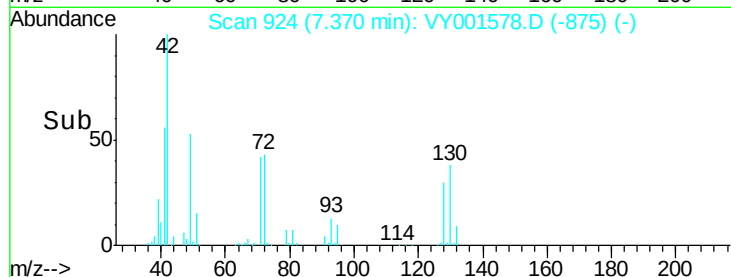
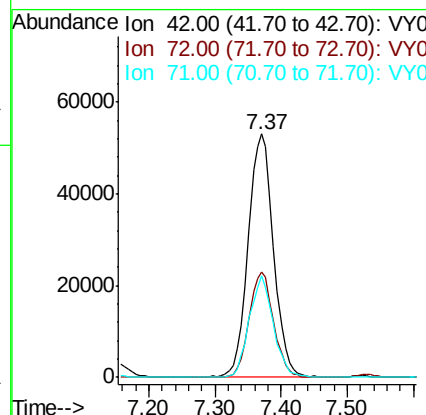
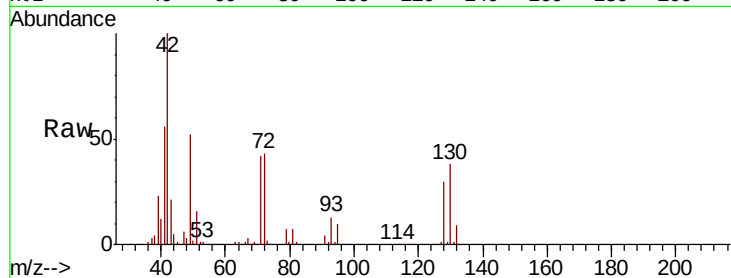
#29
Tetrahydrofuran
Concen: 299.161 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.00 min
Lab File: VY001578.D
Acq: 10 Feb 2020 11:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.8	37.8	56.6
71	39.5	34.8	52.2

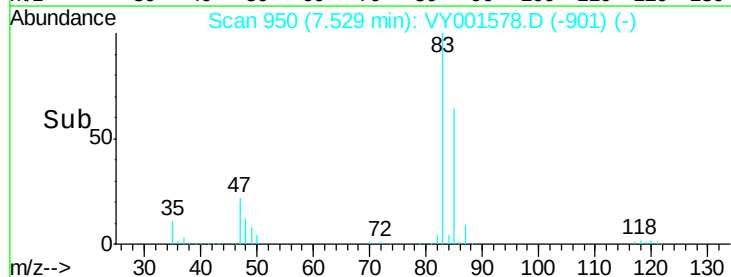
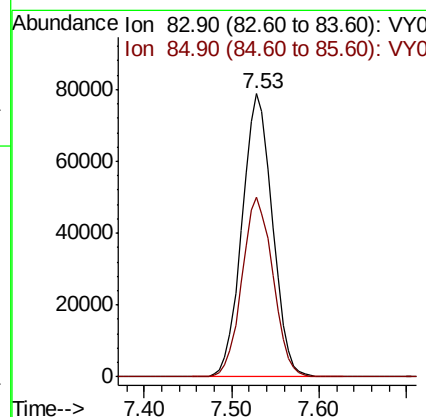
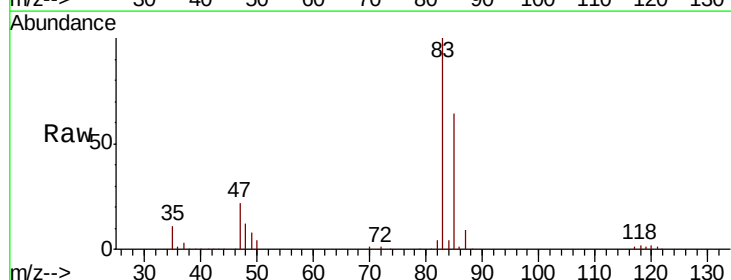
Manual Integrations
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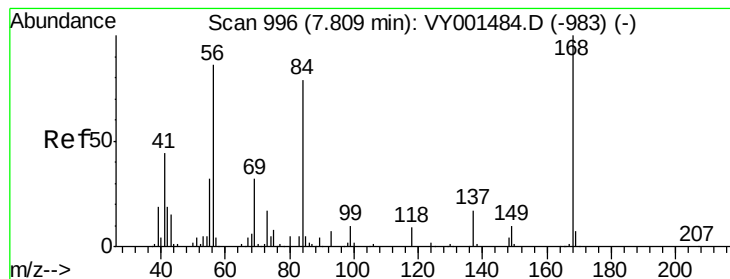
MMDadoda
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#30
Chloroform
Concen: 46.927 ug/l
RT: 7.53 min Scan# 950
Delta R.T. 0.00 min
Lab File: VY001578.D
Acq: 10 Feb 2020 11:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	52.4	78.6





#31

Cyclohexane

Concen: 49.954 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001578.D

Acq: 10 Feb 2020 11:56

Instrument :

MSVOA_Y

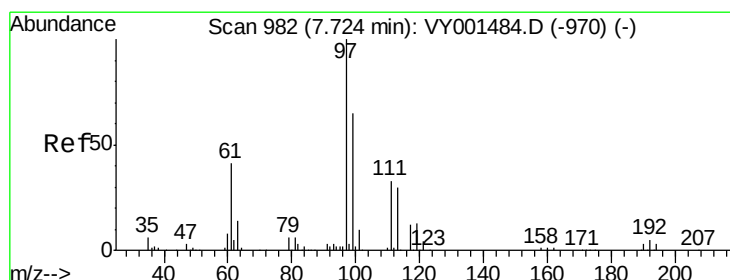
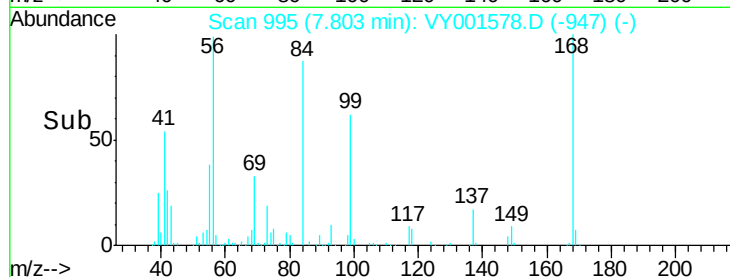
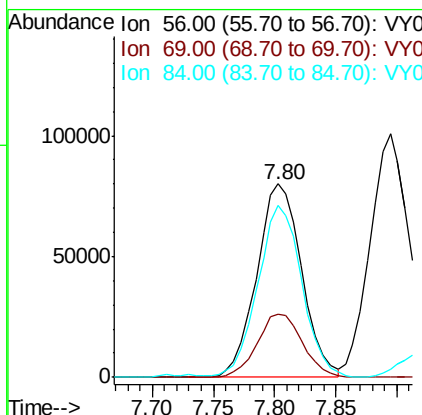
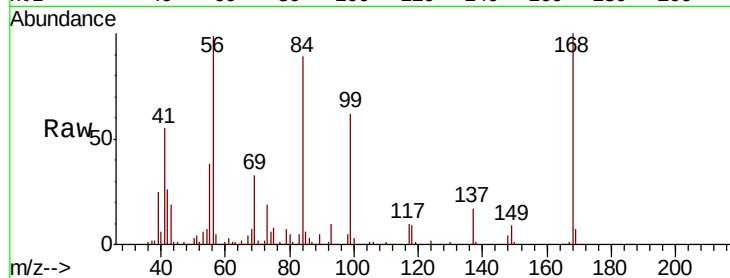
ClientSampleId :

VSTDCCC050

Tot Ion	56	Resp	204466
Ion Ratio	Lower	Upper	
56	100		
69	32.9	29.6	44.4
84	88.1	73.6	110.4

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#32

1,1,1-Trichloroethane

Concen: 45.721 ug/l

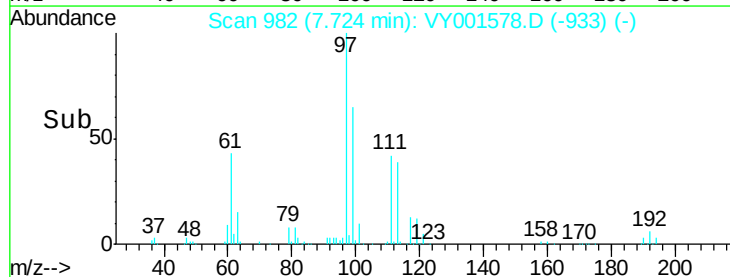
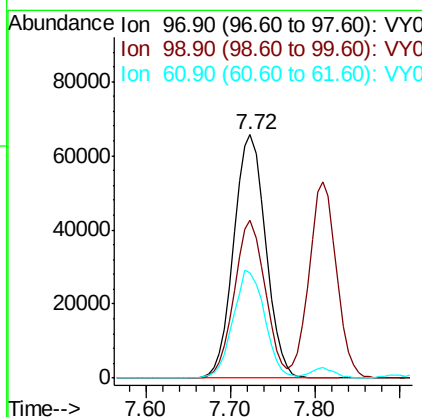
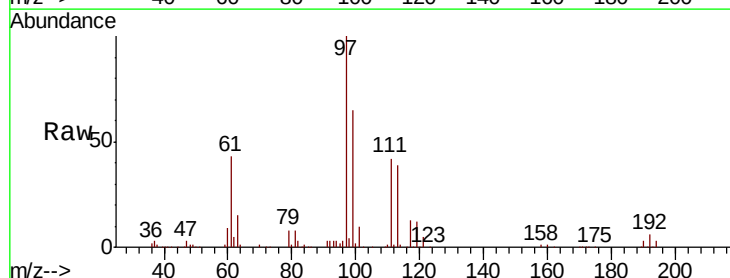
RT: 7.72 min Scan# 982

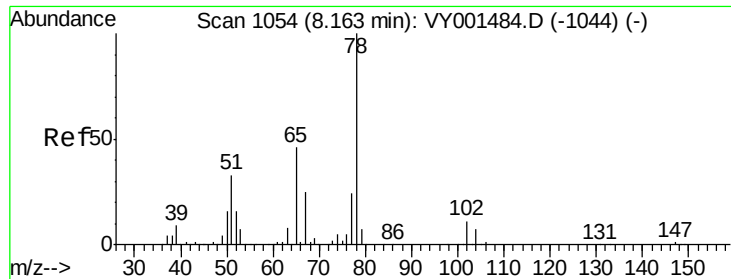
Delta R.T. 0.00 min

Lab File: VY001578.D

Acq: 10 Feb 2020 11:56

Tgt Ion	97	Resp	168012
Ion Ratio	Lower	Upper	
97	100		
99	62.9	51.8	77.8
61	43.9	32.5	48.7





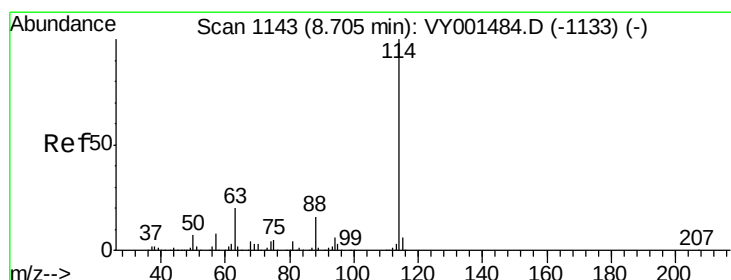
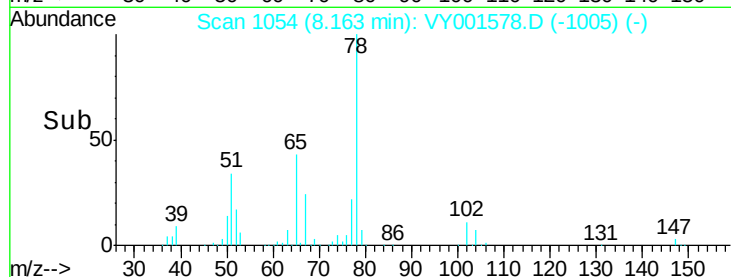
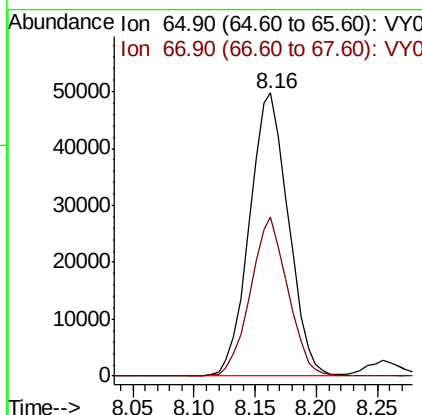
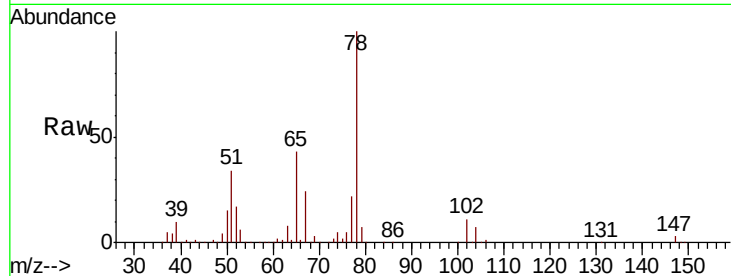
#33
 1,2-Dichloroethane-d4
 Concen: 52.186 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: VY001578.D
 Acq: 10 Feb 2020 11:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	109695		
67	54.0	0.0	108.6	

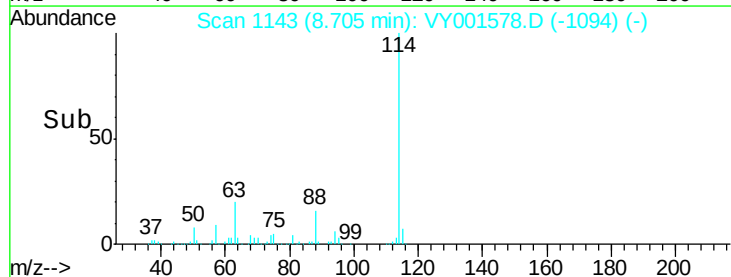
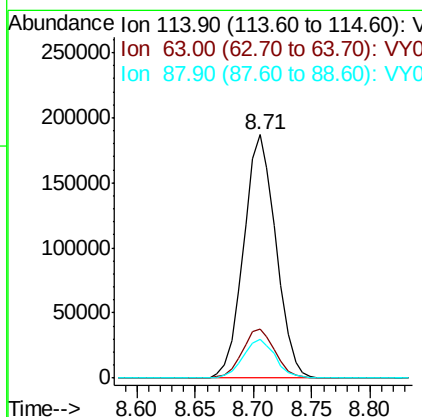
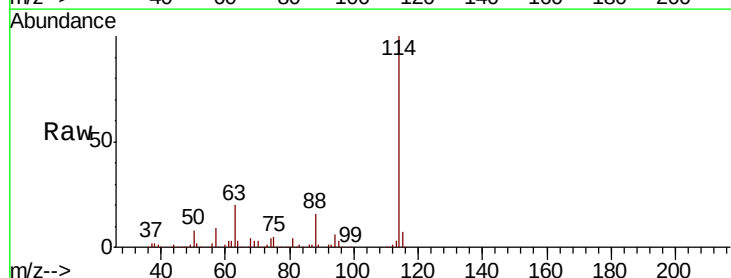
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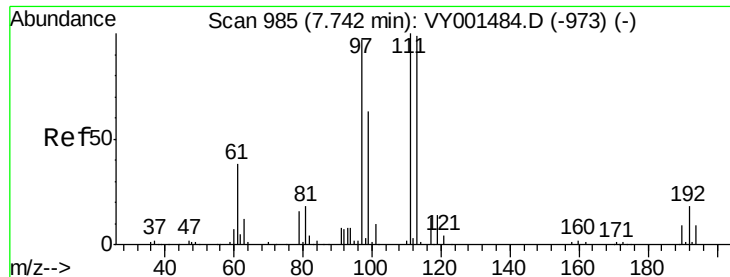
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 2/11/2020 6:10:58 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY001578.D
 Acq: 10 Feb 2020 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	360933		
63	19.9	0.0	39.8	
88	15.8	0.0	32.6	





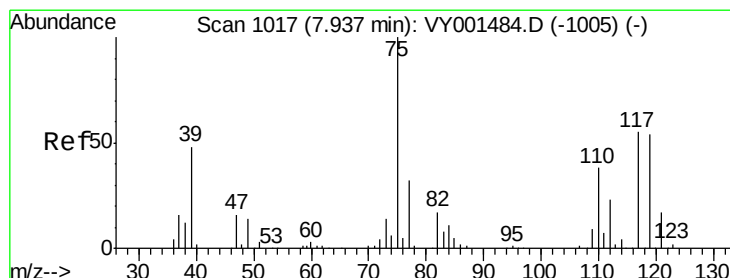
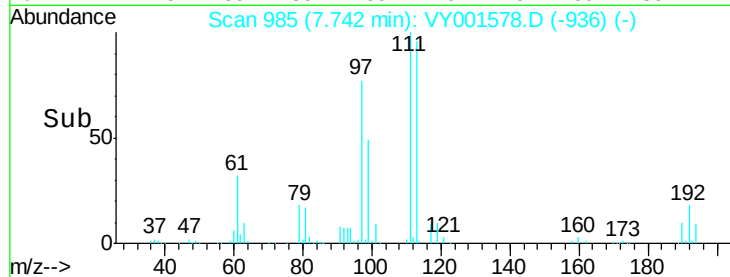
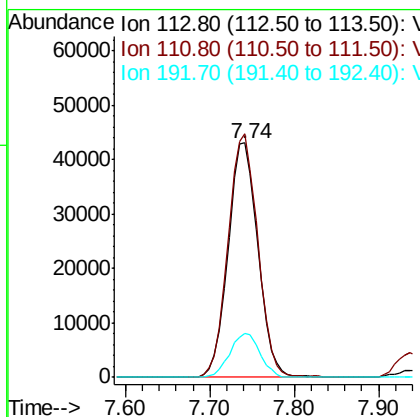
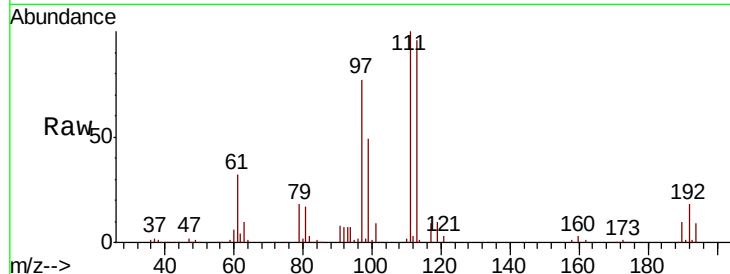
#35
 Dibromofluoromethane
 Concen: 49.676 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: VY001578.D
 Acq: 10 Feb 2020 11:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	103391		
111	103.1	82.9	124.3	
192	18.8	14.6	22.0	

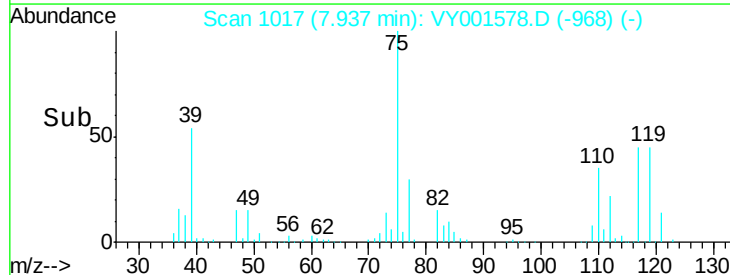
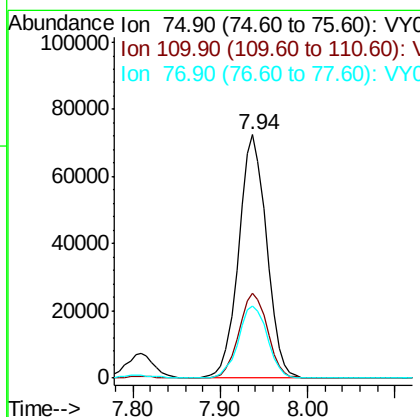
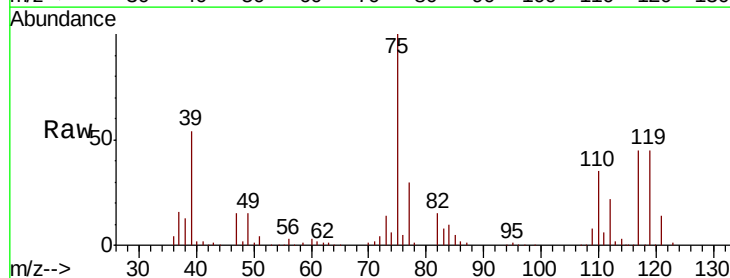
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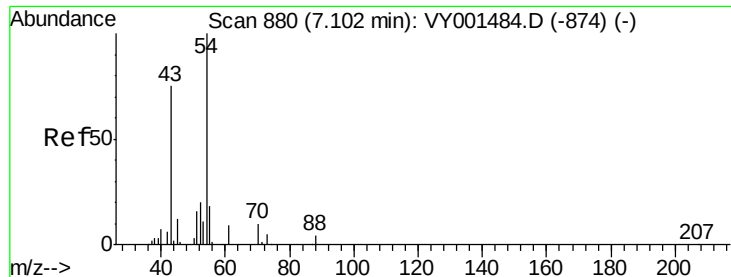
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 2/11/2020 6:10:58 PM



#36
 1,1-Dichloropropene
 Concen: 48.747 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: VY001578.D
 Acq: 10 Feb 2020 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	160956		
110	35.5	18.2	54.6	
77	31.0	25.0	37.4	





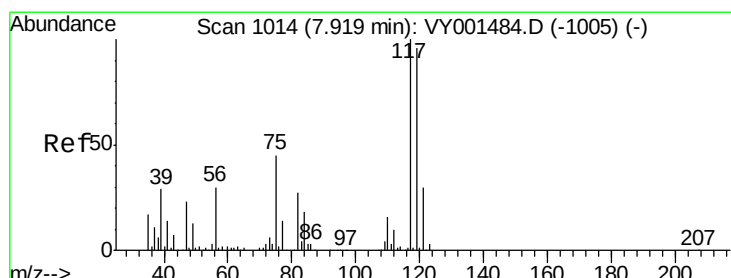
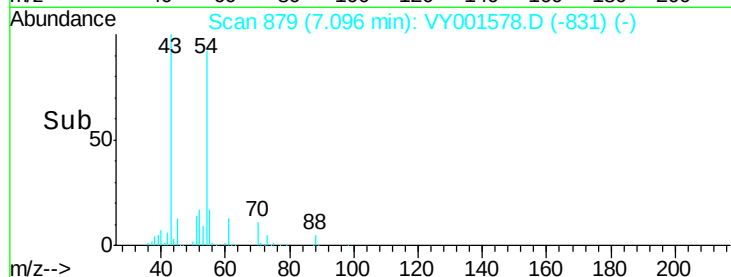
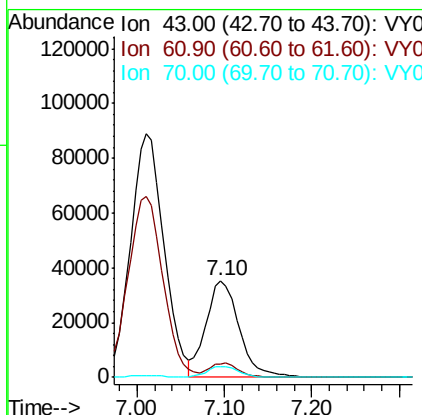
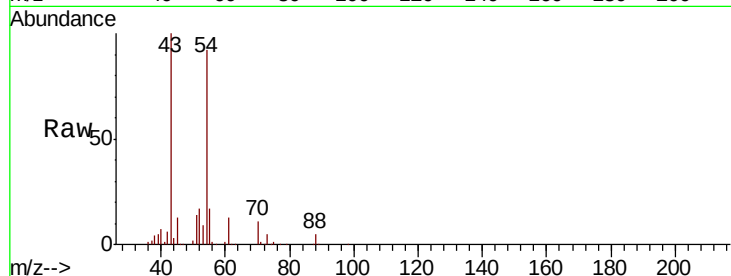
#37
Ethyl Acetate
Concen: 58.041 ug/l
RT: 7.10 min Scan# 879
Delta R.T. -0.01 min
Lab File: VY001578.D
Acq: 10 Feb 2020 11:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	12.0	18.0
70	10.8	10.2	15.4

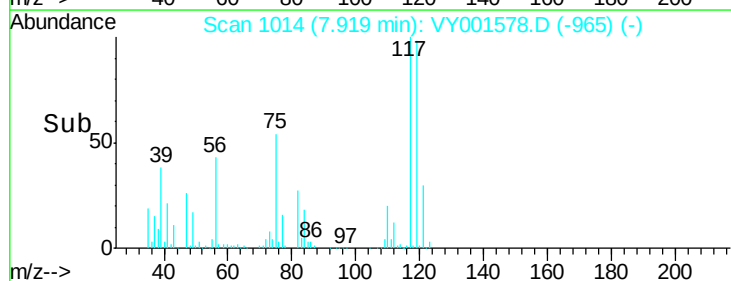
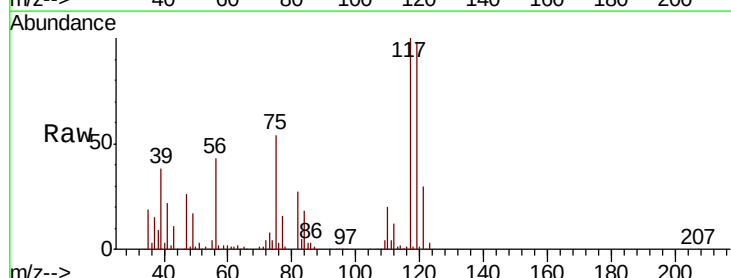
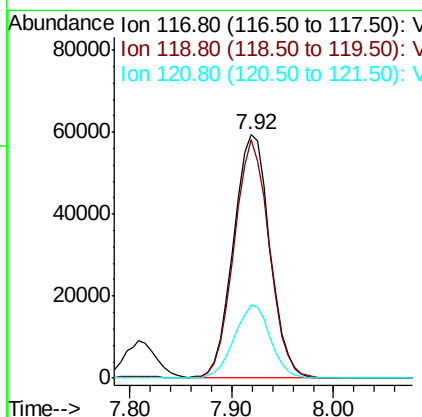
Manual Integrations
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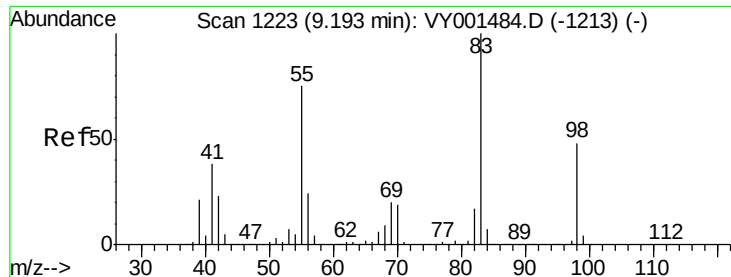
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#38
Carbon Tetrachloride
Concen: 46.025 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VY001578.D
Acq: 10 Feb 2020 11:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.8	76.4	114.6
121	30.0	24.2	36.4





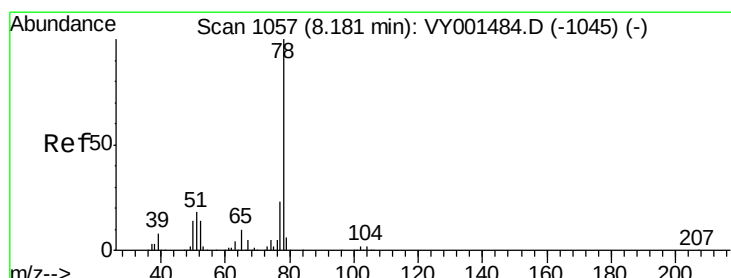
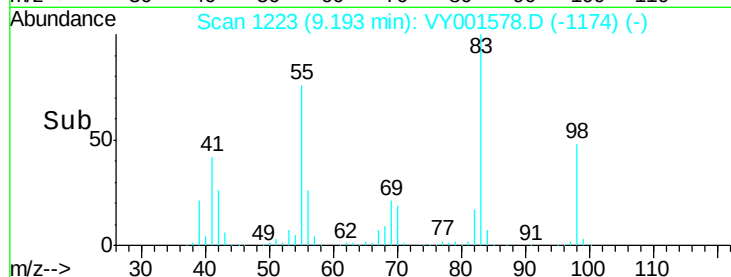
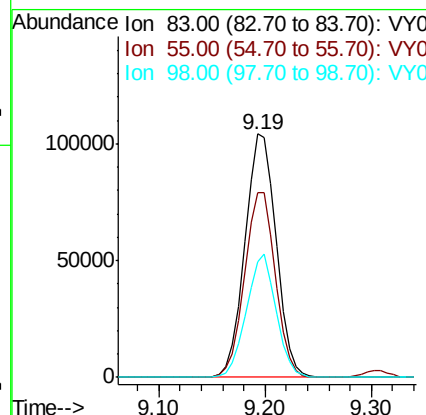
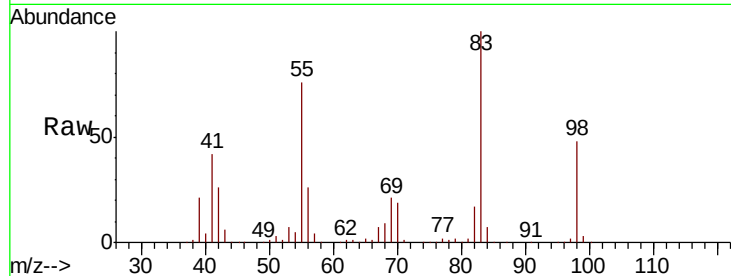
#39
Methylvlcyclohexane
Concen: 49.438 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VY001578.D
Acq: 10 Feb 2020 11:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.9	59.8	89.6
98	47.6	38.6	57.8

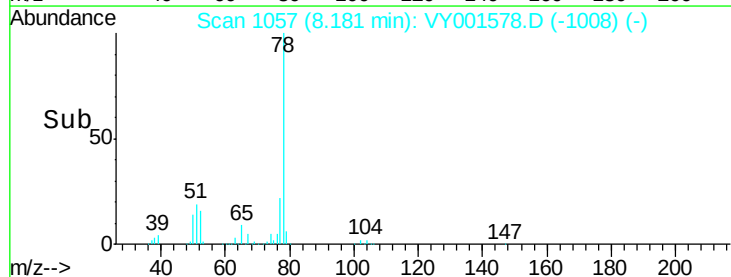
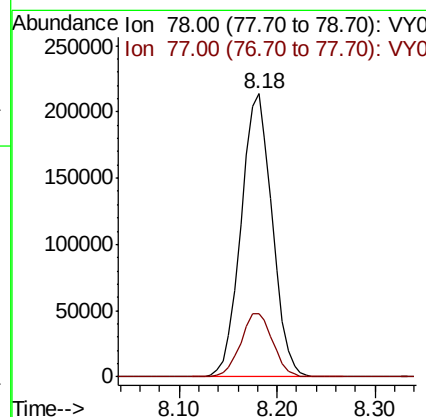
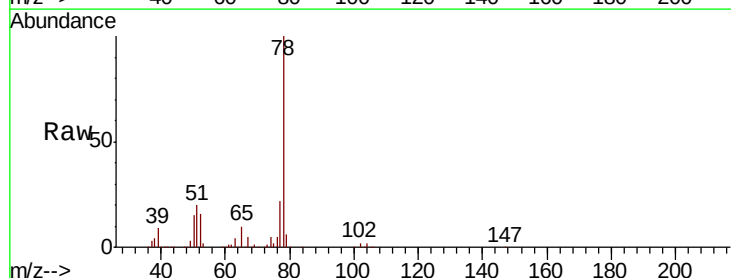
Manual Integrations
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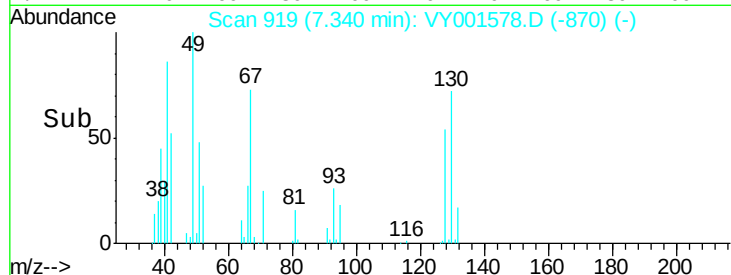
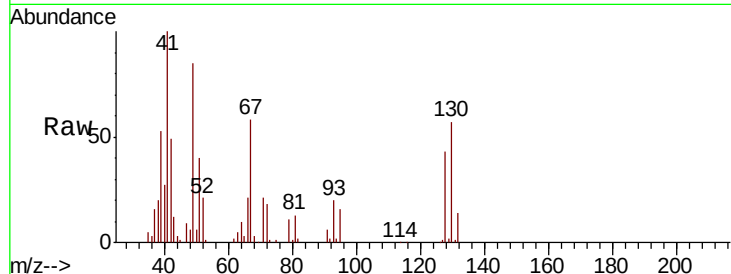
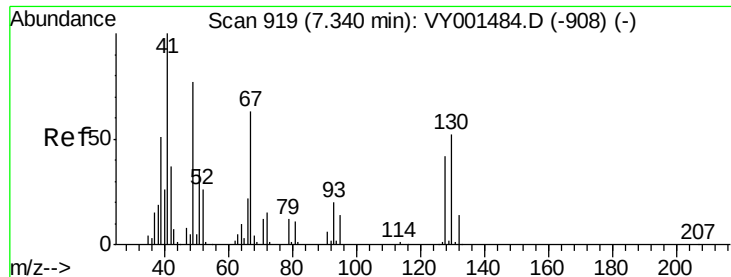
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2/11/2020 6:10:58 PM



#40
Benzene
Concen: 49.922 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VY001578.D
Acq: 10 Feb 2020 11:56

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.3	18.5	27.7





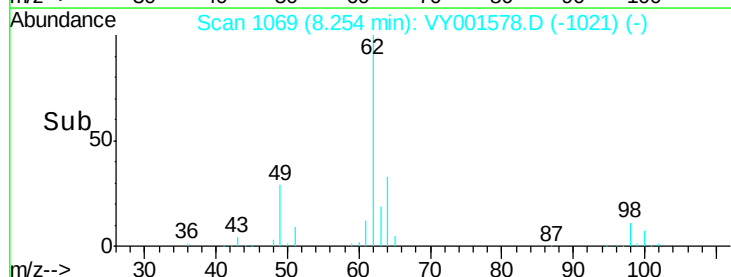
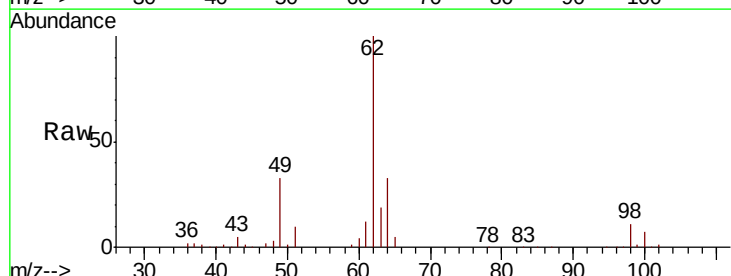
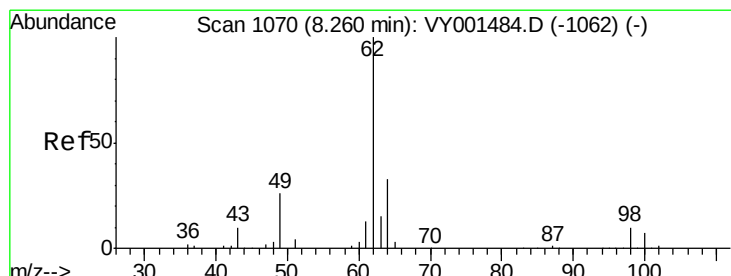
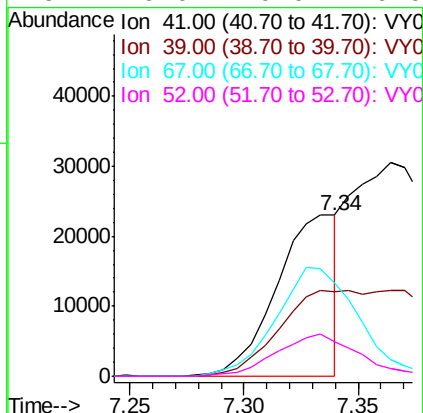
#41
Methacrylonitrile
Concen: 58.293 ug/l m
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY001578.D
Acq: 10 Feb 2020 11:56

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	116.8	175.2#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

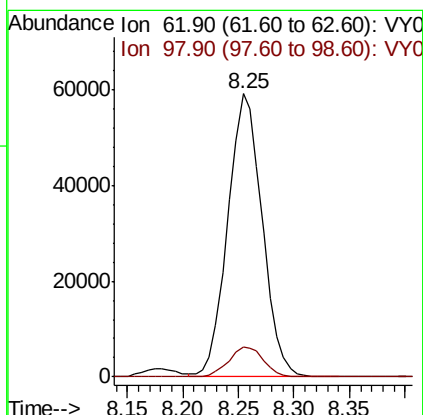
Manual Integrations
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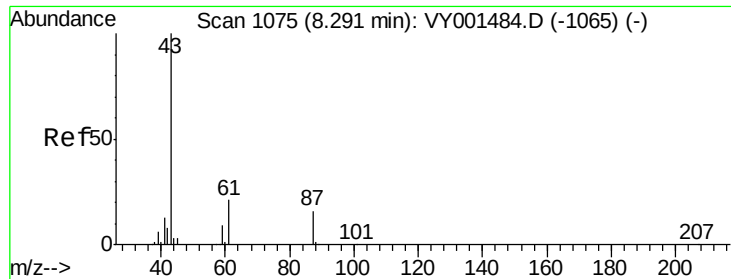
MMDadoda
2/11/2020 6:10:58 PM



#42
1,2-Dichloroethane
Concen: 48.272 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VY001578.D
Acq: 10 Feb 2020 11:56

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	21.0





#43

Isopropyl Acetate

Concen: 57.049 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VY001578.D

Acq: 10 Feb 2020 11:56

Instrument :

MSVOA_Y

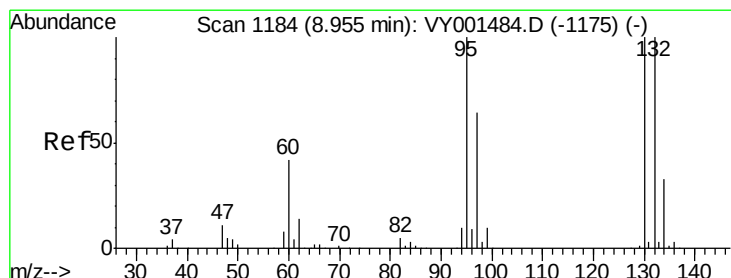
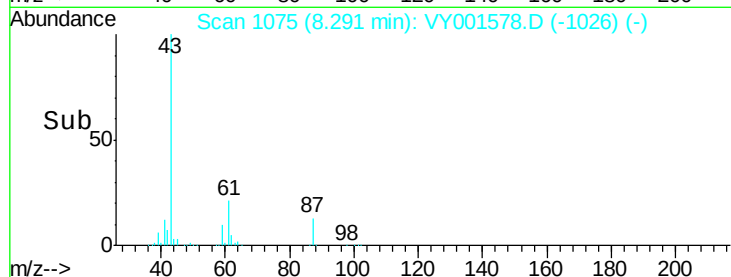
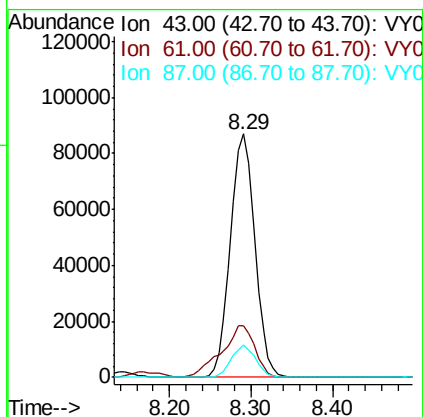
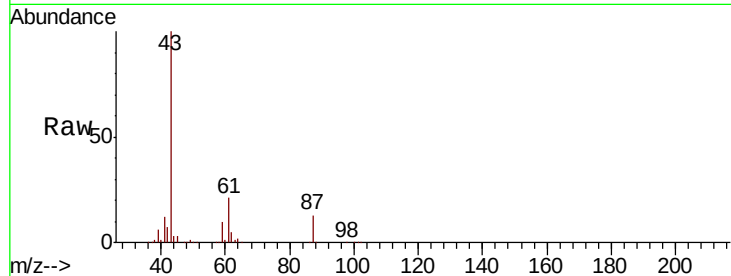
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	180547
Ion	Ratio	Lower	Upper
43	100		
61	28.7	25.1	37.7
87	13.2	12.6	19.0

Manual Integrations
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2/11/2020 6:10:58 PM



#44

Trichloroethene

Concen: 47.466 ug/l

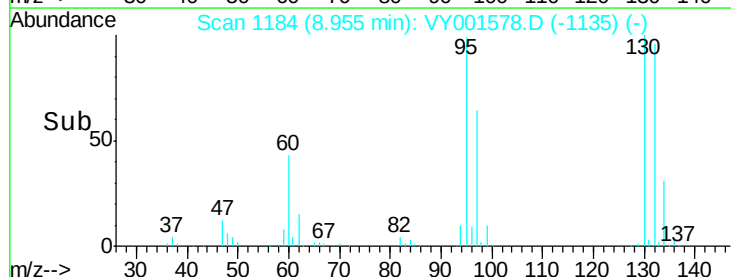
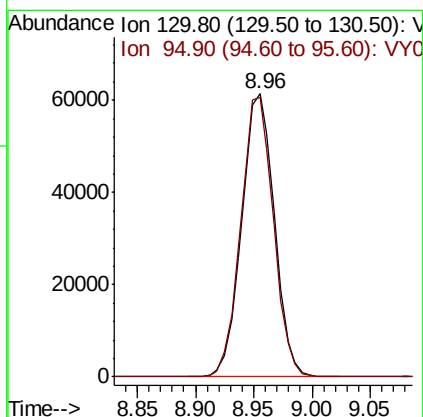
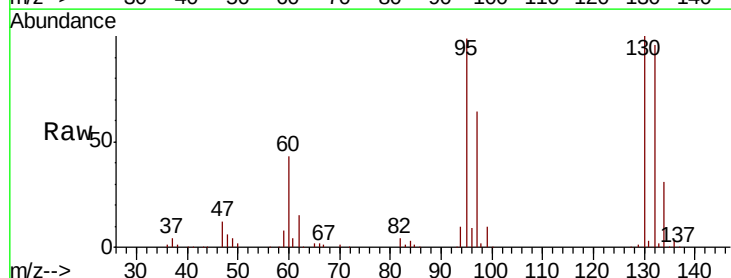
RT: 8.96 min Scan# 1184

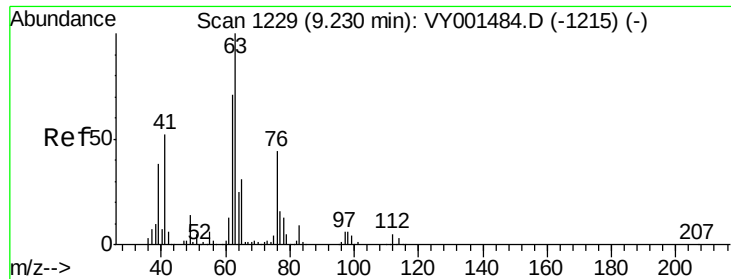
Delta R.T. 0.00 min

Lab File: VY001578.D

Acq: 10 Feb 2020 11:56

Tgt Ion:	130	Resp:	120497
Ion	Ratio	Lower	Upper
130	100		
95	98.9	0.0	199.2





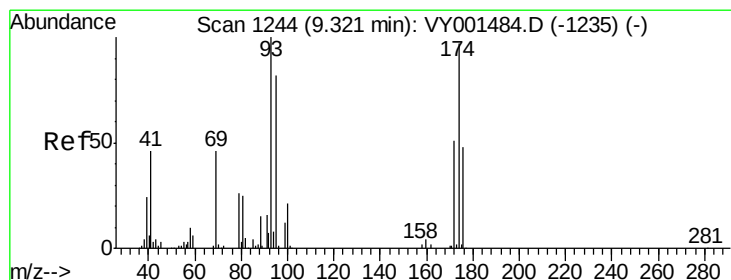
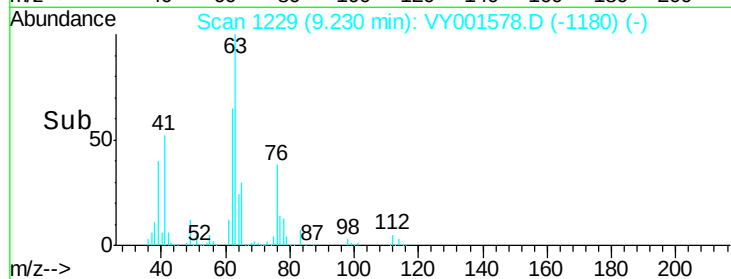
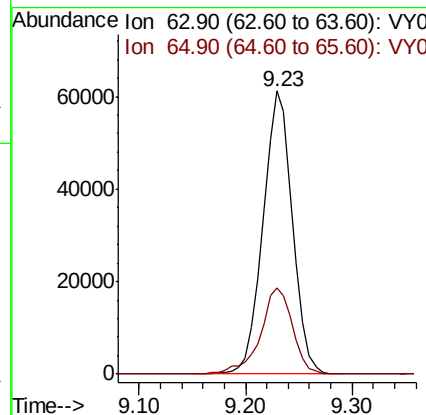
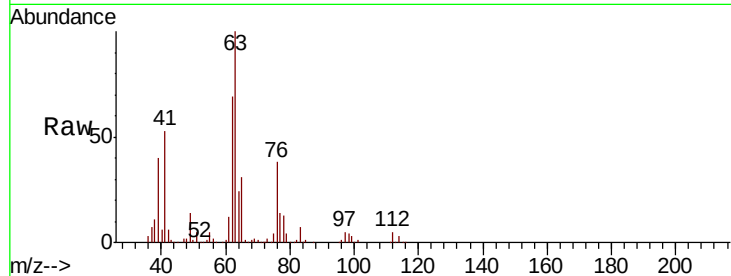
#45
 1,2-Dichloropropane
 Concen: 51.972 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VY001578.D
 Acq: 10 Feb 2020 11:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.7	25.0	37.4

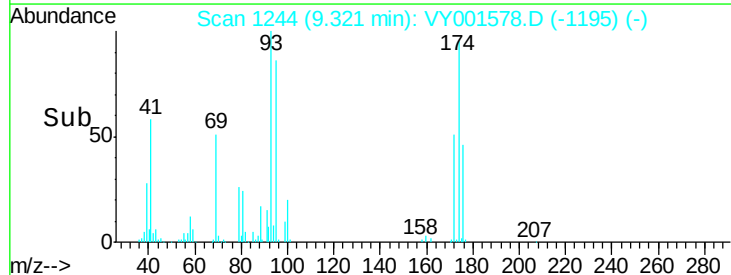
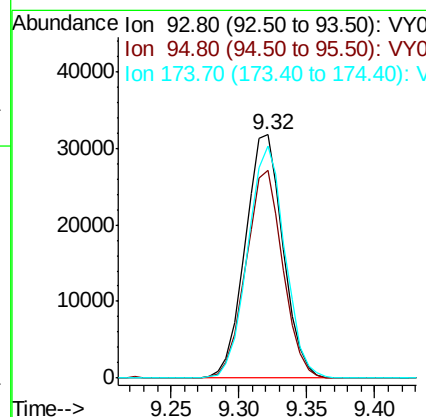
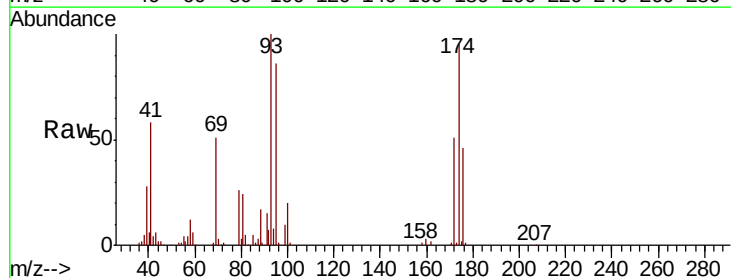
Manual Integrations
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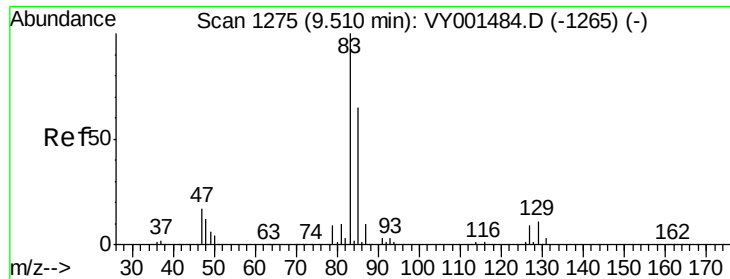
MMDadoda
 2/11/2020 6:10:58 PM



#46
 Dibromomethane
 Concen: 48.409 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: VY001578.D
 Acq: 10 Feb 2020 11:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.1	66.6	99.8
174	93.7	75.4	113.2





#47

Bromodichloromethane

Concen: 48.028 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. 0.00 min

Lab File: VY001578.D

Acq: 10 Feb 2020 11:56

Instrument :

MSVOA_Y

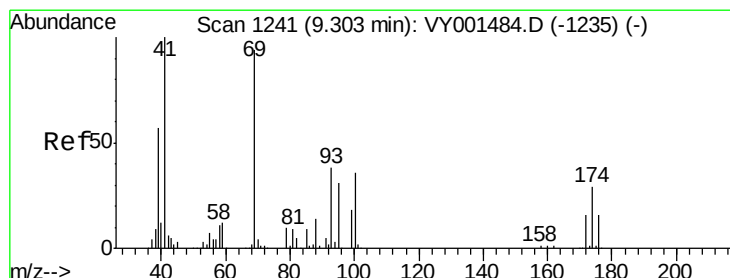
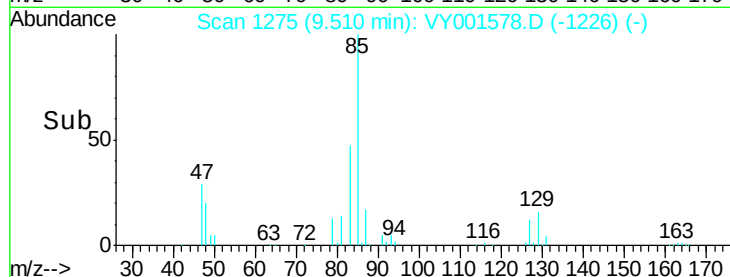
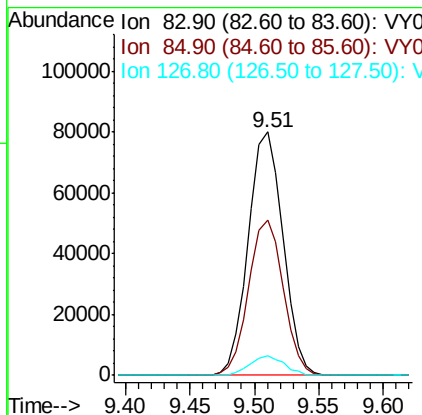
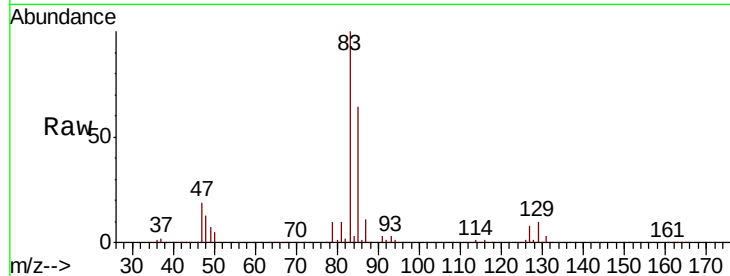
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	149438
Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.9	77.9
127	7.9	6.9	10.3

Manual Integrations
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MMDadoda
2/11/2020 6:10:58 PM



#48

Methyl methacrylate

Concen: 56.700 ug/l

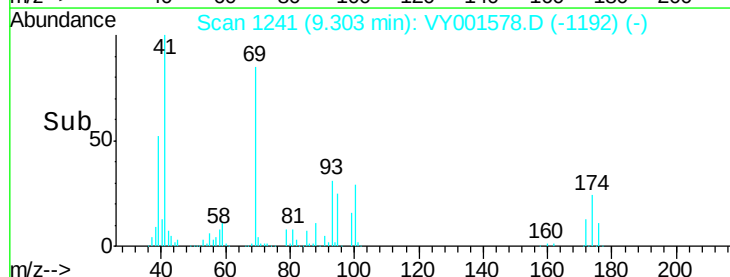
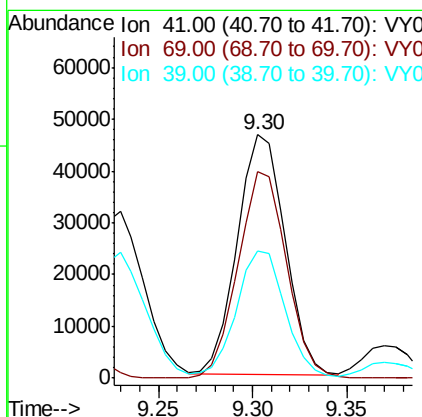
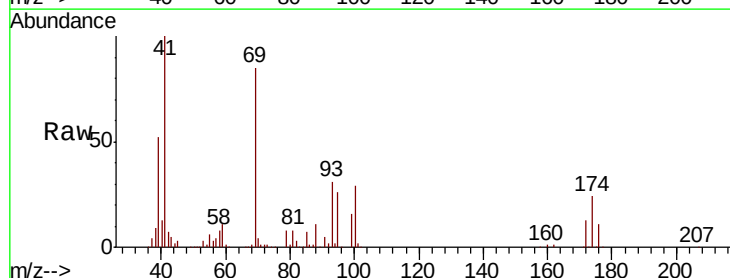
RT: 9.30 min Scan# 1241

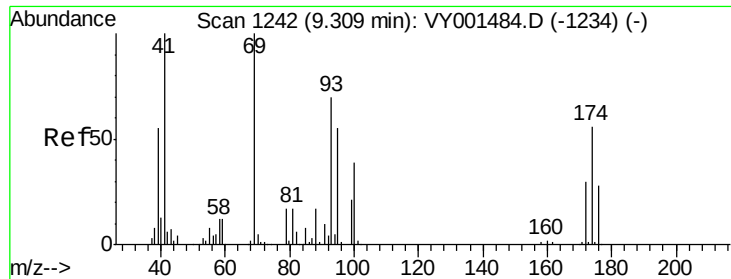
Delta R.T. 0.00 min

Lab File: VY001578.D

Acq: 10 Feb 2020 11:56

Tgt Ion:	41	Resp:	81443
Ion	Ratio	Lower	Upper
41	100		
69	87.7	76.6	114.8
39	52.4	45.4	68.0





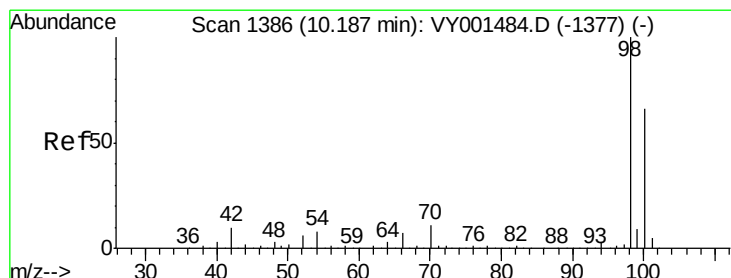
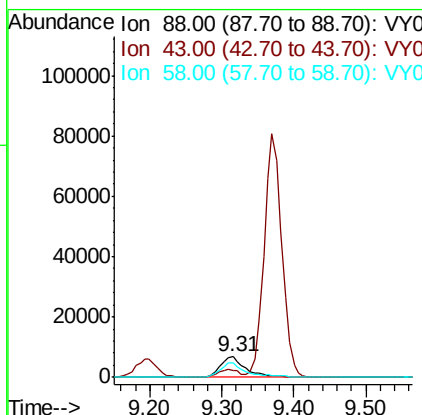
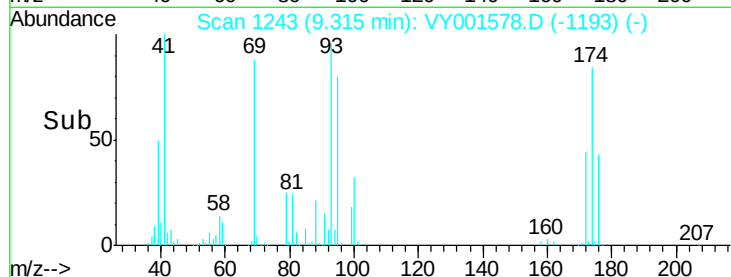
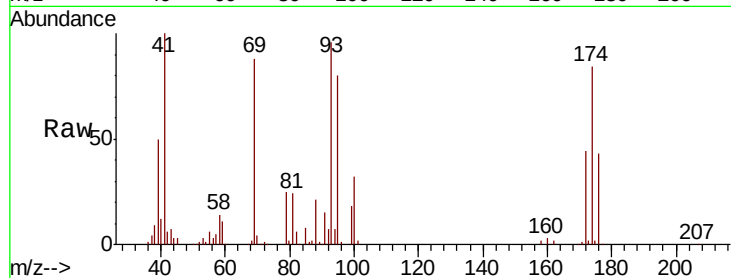
#49
1,4-Dioxane
Concen: 1015.830 ug/l
RT: 9.31 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY001578.D
Acq: 10 Feb 2020 11:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	17132
Ion	Ratio	Lower	Upper
88	100		
43	30.1	24.8	37.2
58	71.9	59.3	88.9

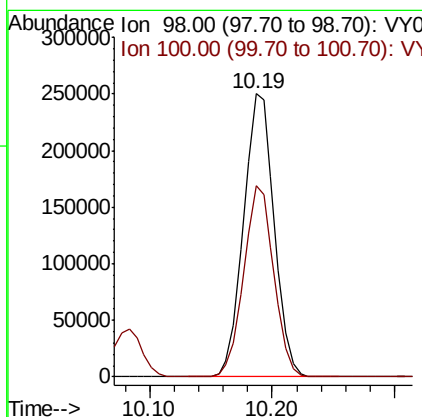
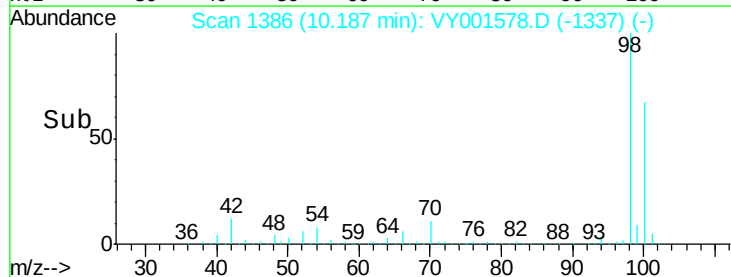
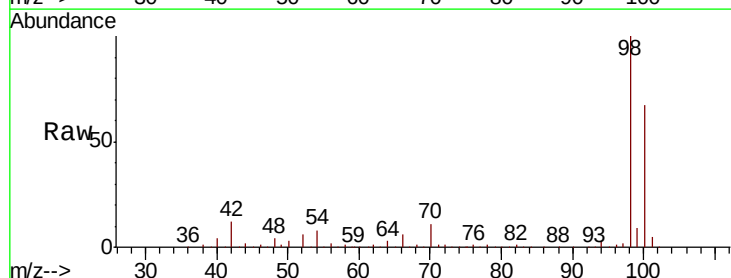
Manual Integrations
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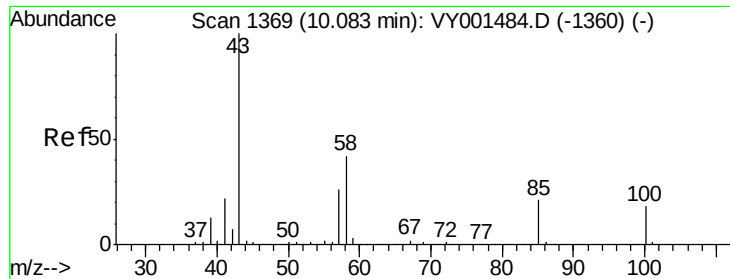
MMDadoda
2/11/2020 6:10:58 PM



#50
Toluene-d8
Concen: 55.238 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY001578.D
Acq: 10 Feb 2020 11:56

Tgt Ion	98	Resp	434970
Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.0	79.6





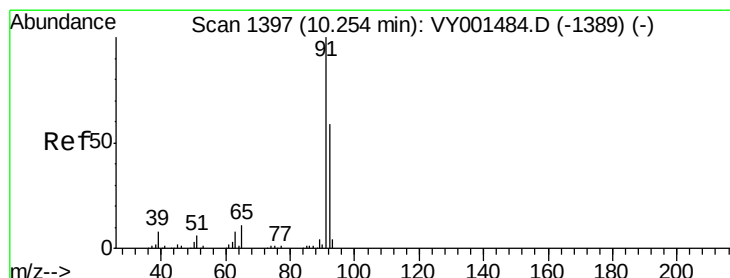
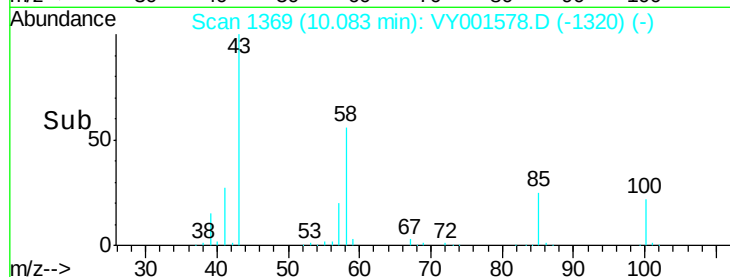
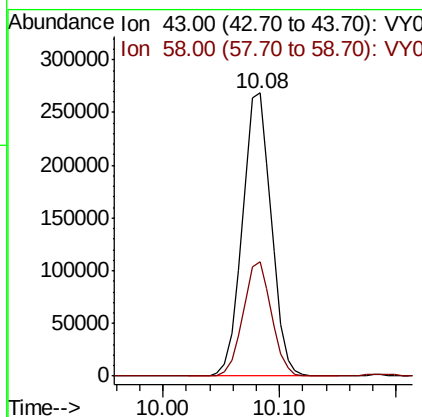
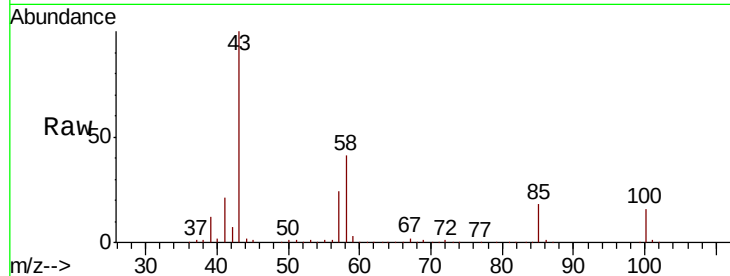
#51
4-Methyl-2-Pentanone
Concen: 298.174 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VY001578.D
Acq: 10 Feb 2020 11:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	43	58	Resp	Lower	Upper
43	100				
58	39.9	100	33.9	50.9	

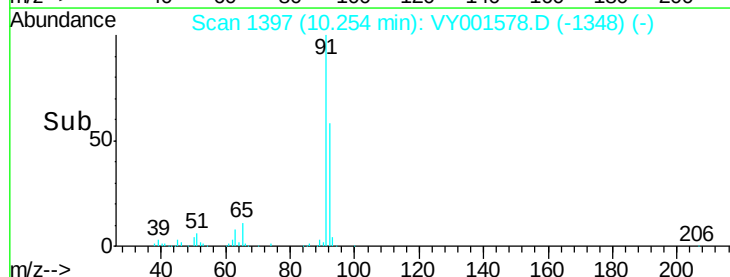
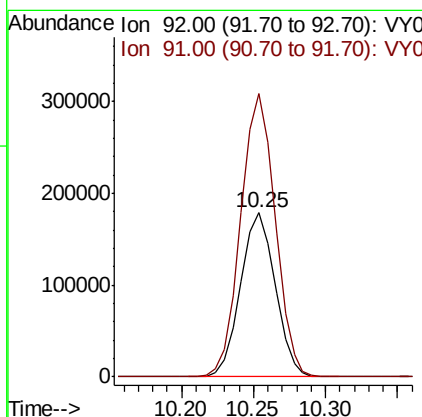
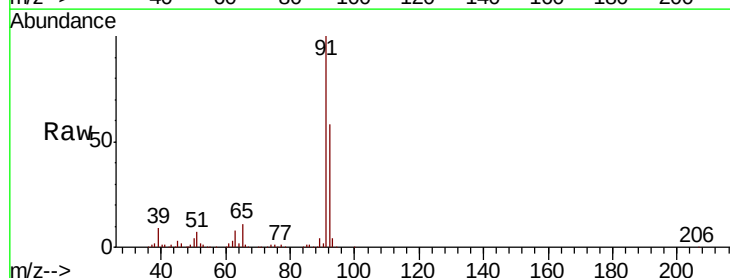
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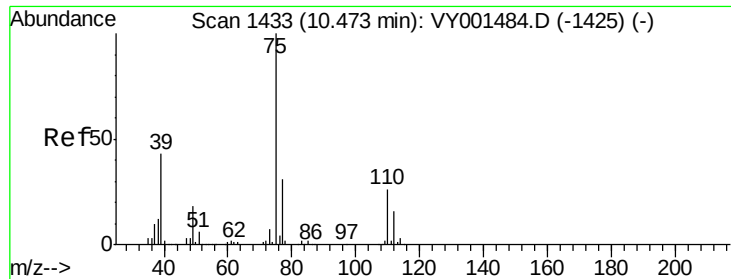
MMDadoda
2/11/2020 6:10:58 PM



#52
Toluene
Concen: 50.049 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VY001578.D
Acq: 10 Feb 2020 11:56

Tgt Ion	92	91	Resp	Lower	Upper
92	100				
91	171.6	100	136.6	204.8	





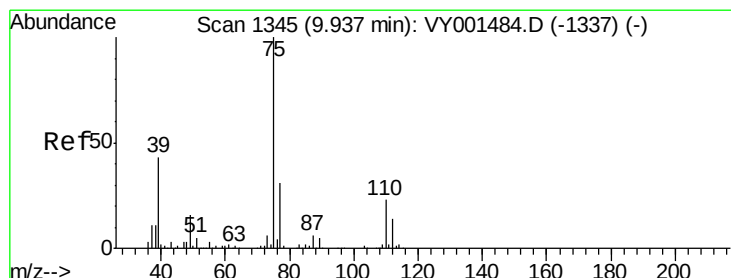
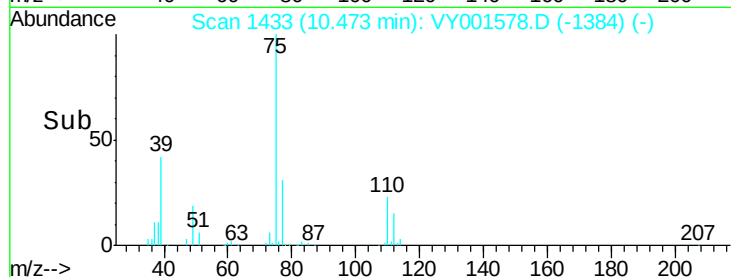
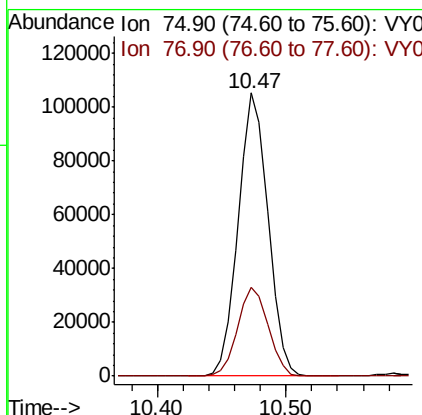
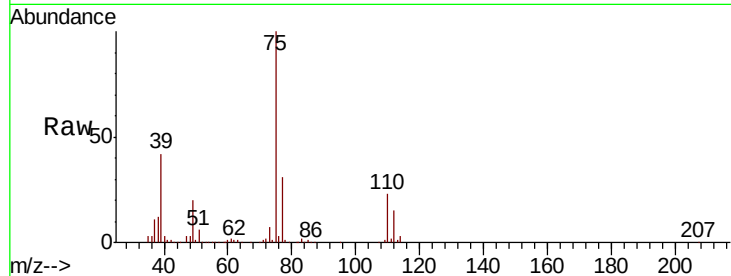
#53
t-1,3-Dichloropropene
Concen: 49.843 ug/l
RT: 10.47 min Scan# 1433
Delta R.T. 0.00 min
Lab File: VY001578.D
Acq: 10 Feb 2020 11:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.9	37.3

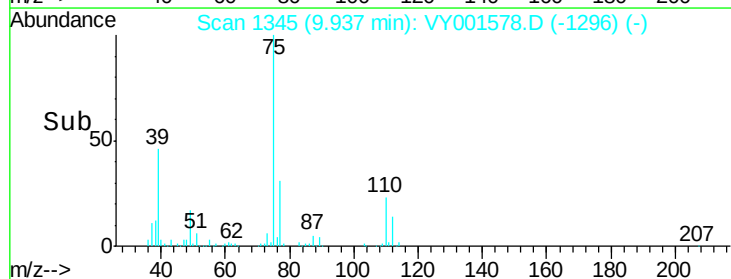
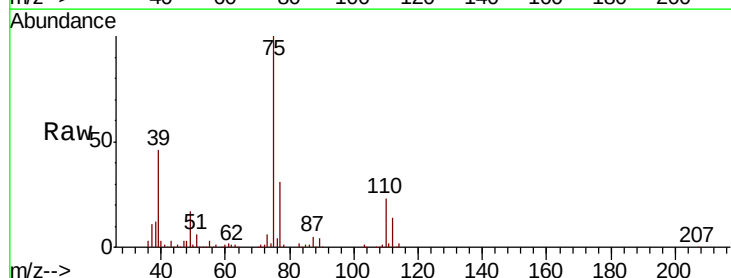
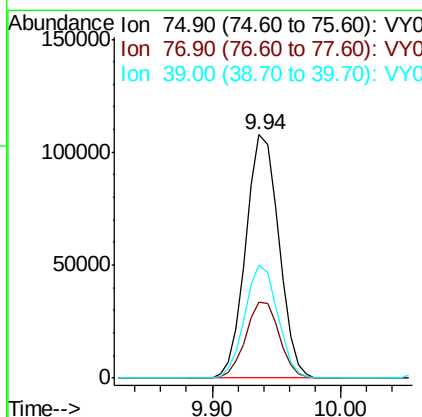
Manual Integrations
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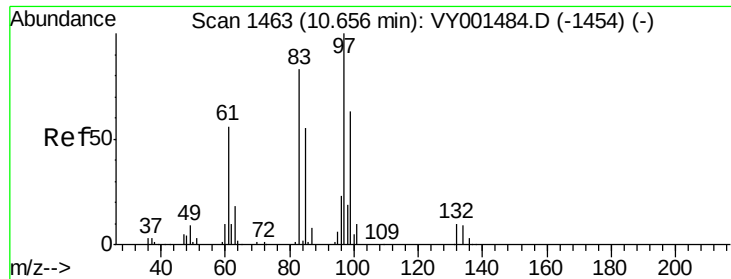
MMDadoda
2/11/2020 6:10:58 PM



#54
cis-1,3-Dichloropropene
Concen: 49.115 ug/l
RT: 9.94 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VY001578.D
Acq: 10 Feb 2020 11:56

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.3	24.7	37.1
39	46.2	34.0	51.0





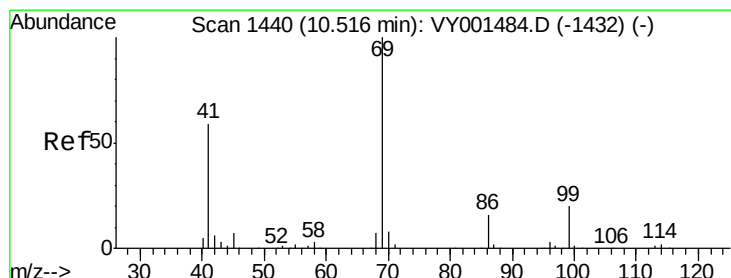
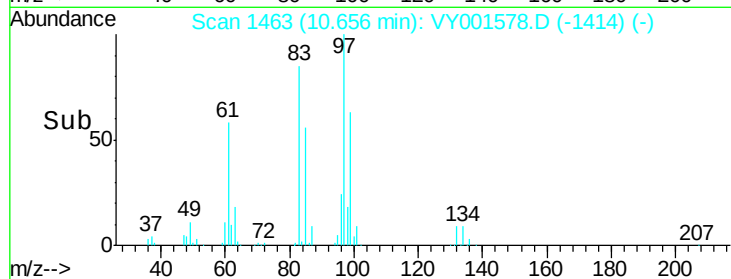
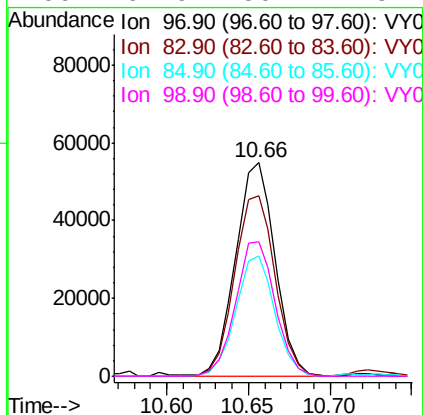
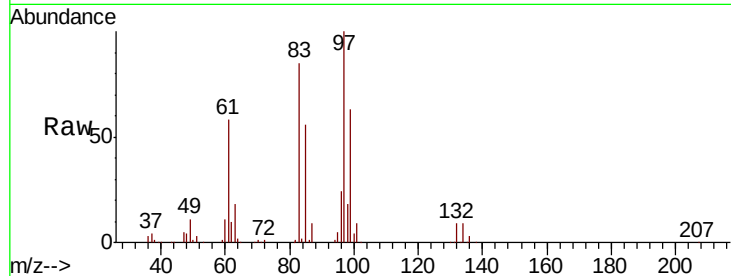
#55
 1,1,2-Trichloroethane
 Concen: 50.153 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY001578.D
 Acq: 10 Feb 2020 11:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	91890
Ion	Ratio	Lower	Upper
97	100		
83	84.6	66.2	99.2
85	56.0	43.8	65.6
99	62.9	50.1	75.1

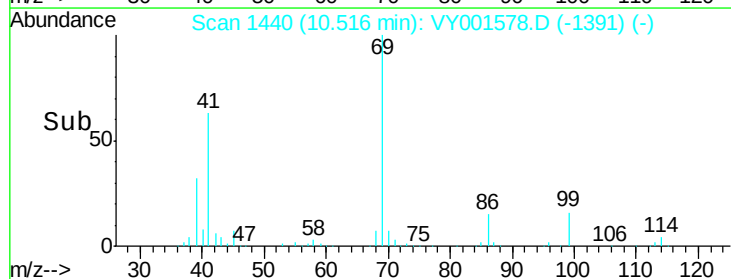
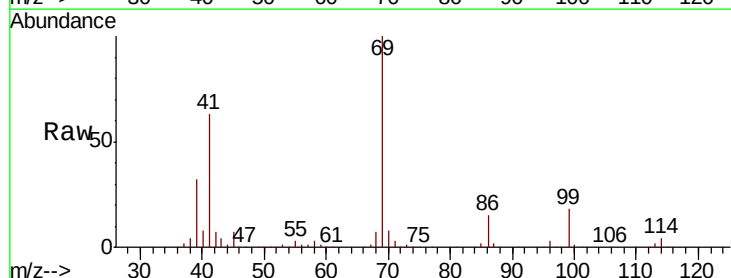
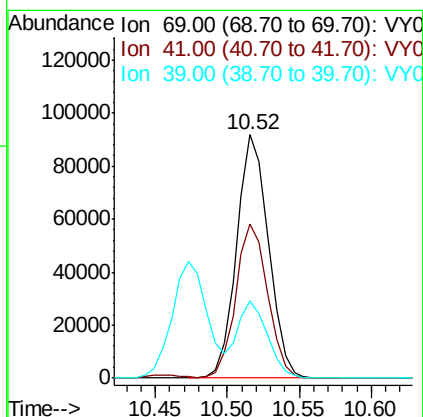
Manual Integrations
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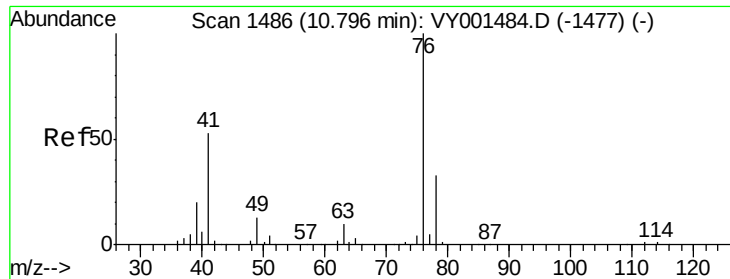
MMDadoda
 2/11/2020 6:10:58 PM



#56
 Ethyl methacrylate
 Concen: 54.134 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY001578.D
 Acq: 10 Feb 2020 11:56

Tgt Ion:	69	Resp:	141073
Ion	Ratio	Lower	Upper
69	100		
41	63.6	47.8	71.8
39	30.1	24.4	36.6





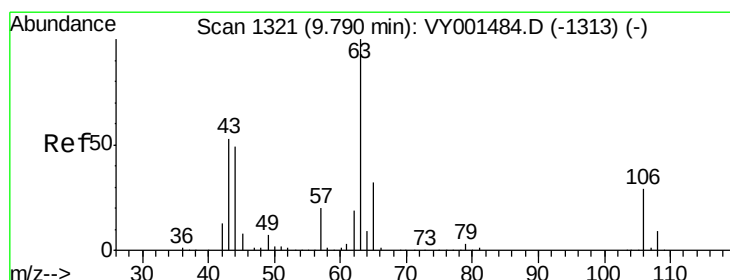
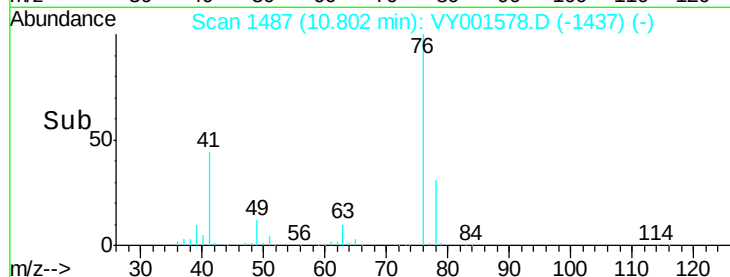
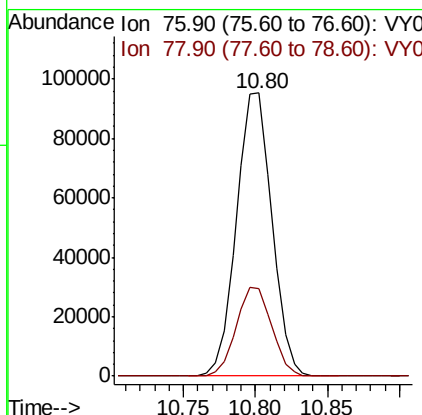
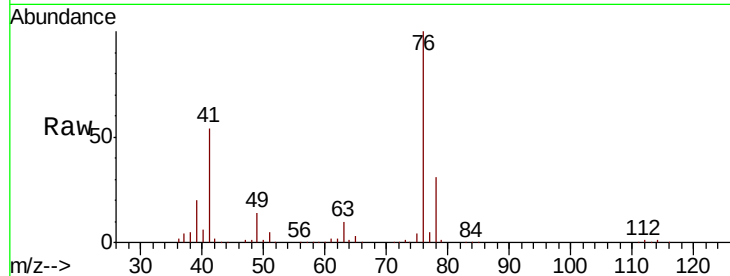
#57
 1,3-Dichloropropane
 Concen: 50.506 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VY001578.D
 Acq: 10 Feb 2020 11:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 163122
 Ion Ratio Lower Upper
 76 100
 78 31.5 25.7 38.5

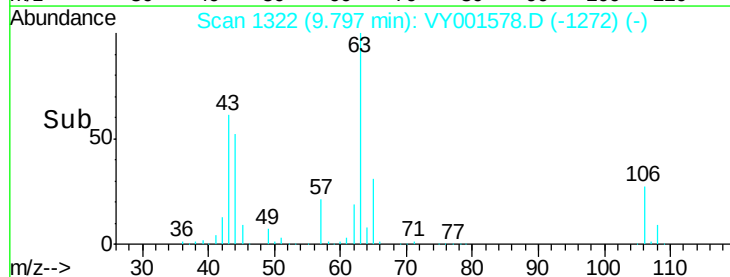
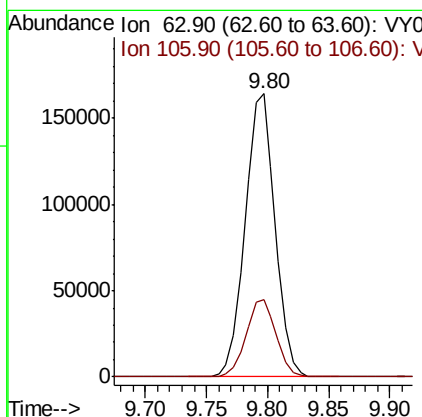
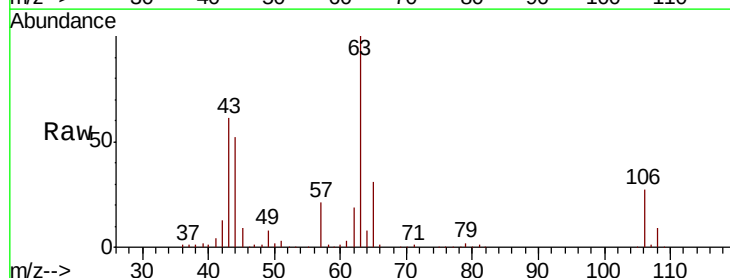
Manual Integrations
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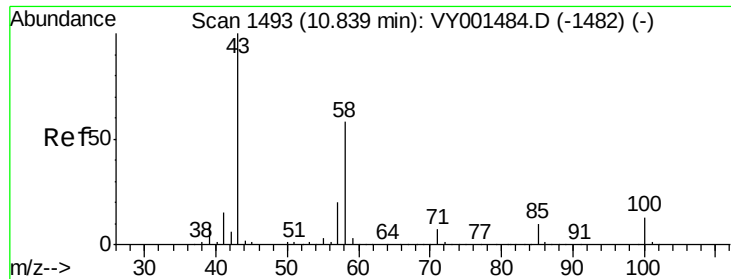
MMDadoda
 2/11/2020 6:10:58 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 289.743 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.01 min
 Lab File: VY001578.D
 Acq: 10 Feb 2020 11:56

Tgt Ion: 63 Resp: 277773
 Ion Ratio Lower Upper
 63 100
 106 27.4 24.0 36.0





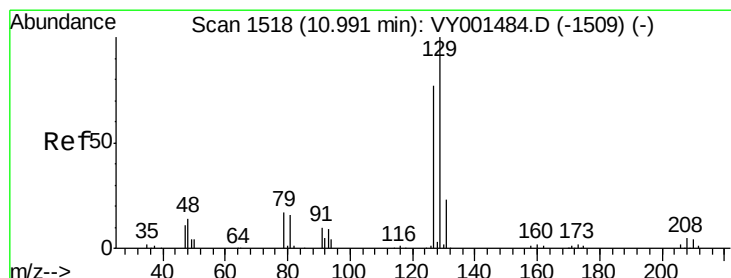
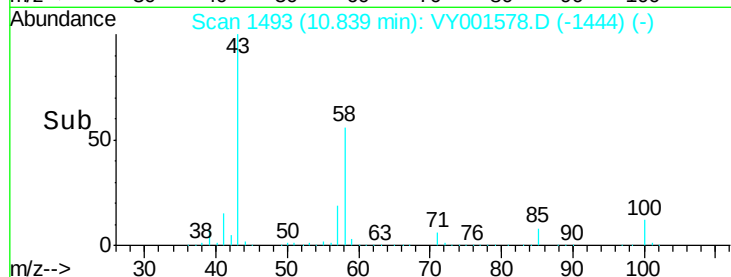
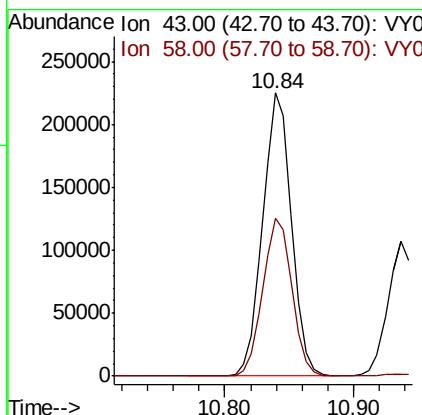
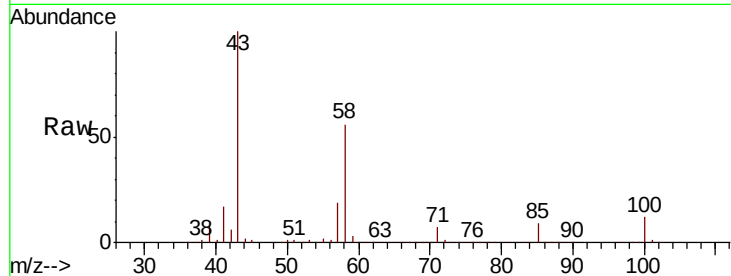
#59
2-Hexanone
Concen: 306.986 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY001578.D
Acq: 10 Feb 2020 11:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 347880
Ion Ratio Lower Upper
43 100
58 56.7 29.0 87.0

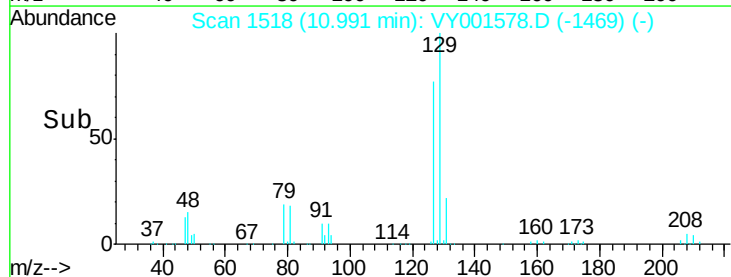
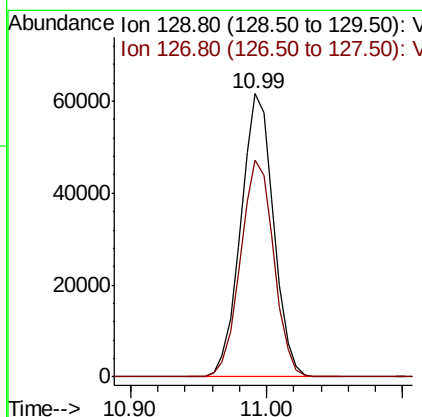
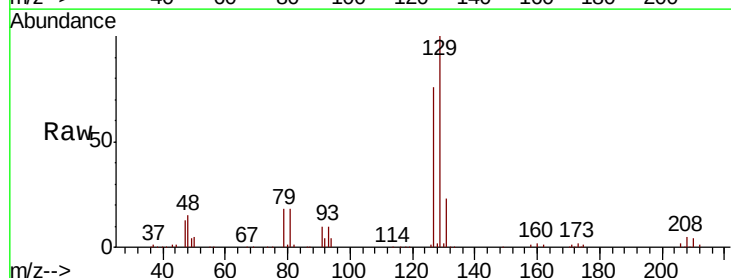
Manual Integrations
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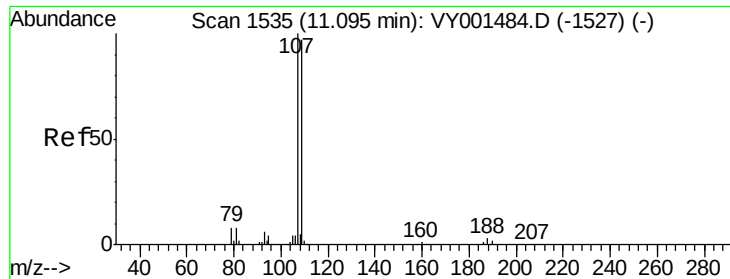
MMDadoda
2/11/2020 6:10:58 PM



#60
Dibromochloromethane
Concen: 48.032 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VY001578.D
Acq: 10 Feb 2020 11:56

Tgt Ion: 129 Resp: 103736
Ion Ratio Lower Upper
129 100
127 77.4 38.9 116.6





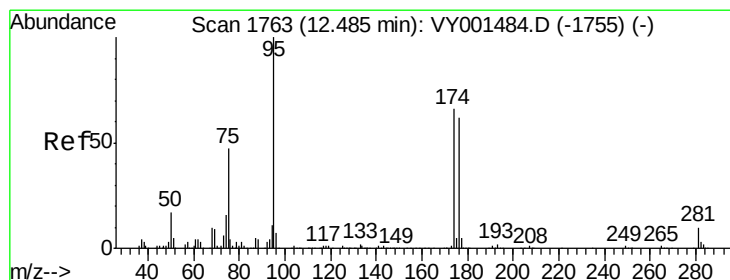
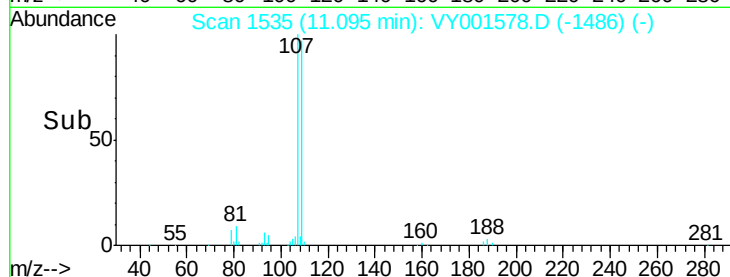
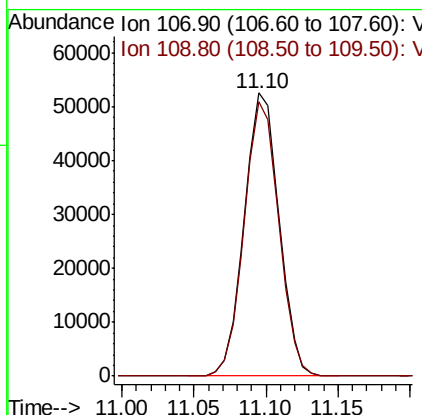
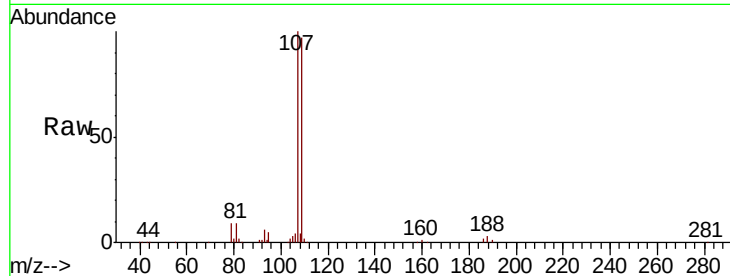
#61
 1,2-Dibromoethane
 Concen: 48.735 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY001578.D
 Acq: 10 Feb 2020 11:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.3	76.2	114.2

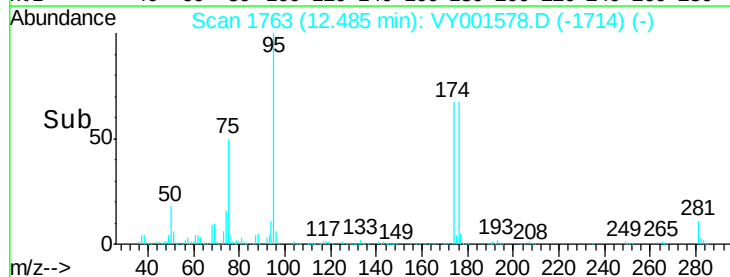
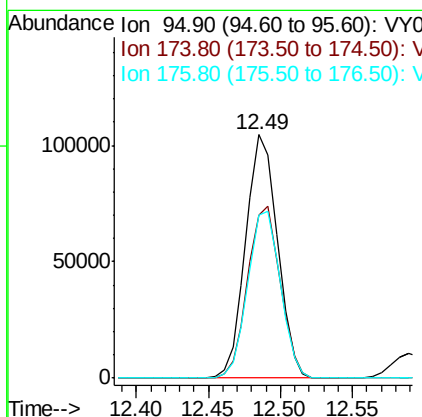
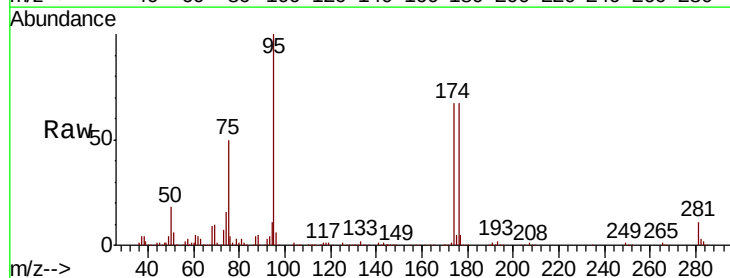
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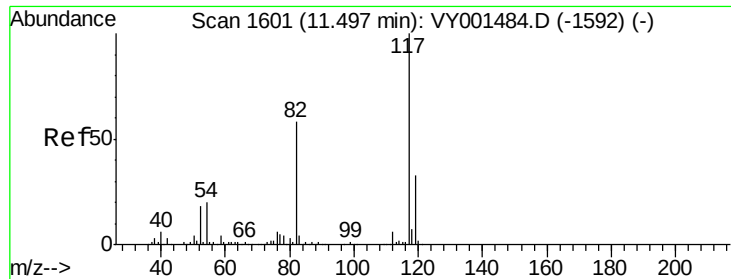
MMDadoda
 2/11/2020 6:10:58 PM



#62
 4-Bromofluorobenzene
 Concen: 51.572 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: VY001578.D
 Acq: 10 Feb 2020 11:56

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.2	0.0	141.4
176	70.3	0.0	135.4





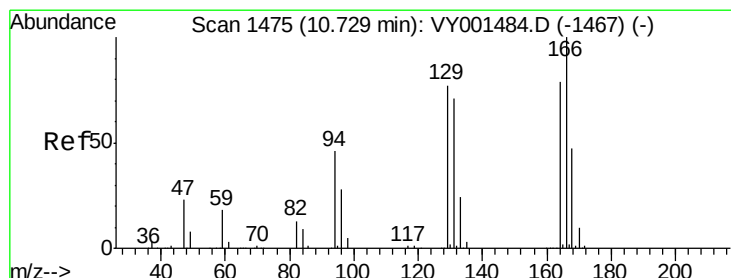
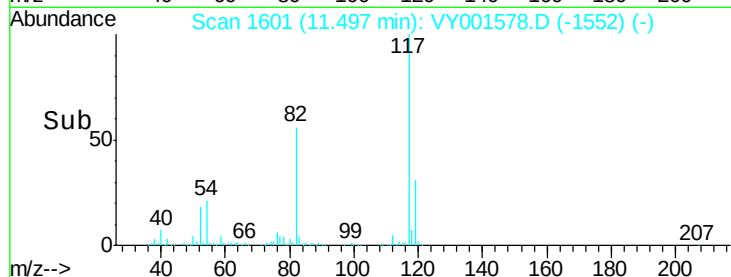
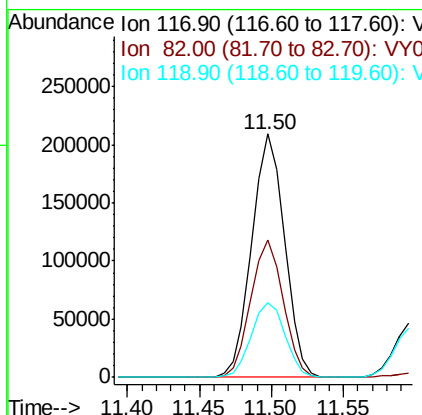
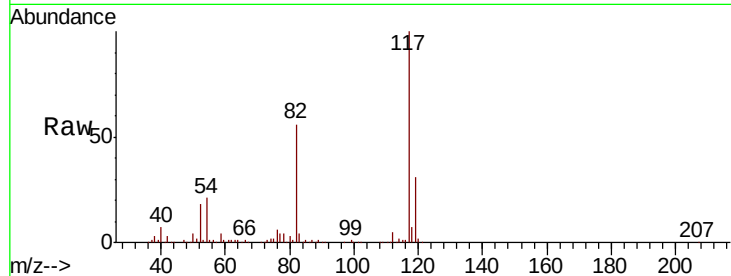
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY001578.D
Acq: 10 Feb 2020 11:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	329920		
82	56.4		46.1	69.1
119	30.6		26.1	39.1

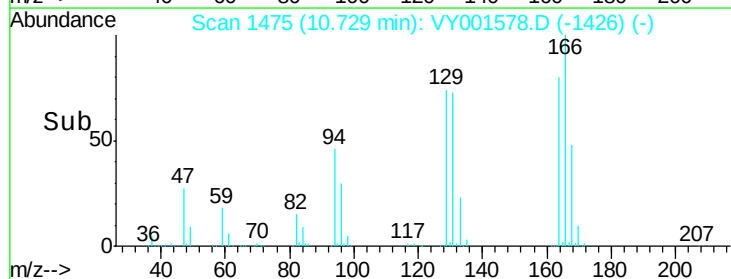
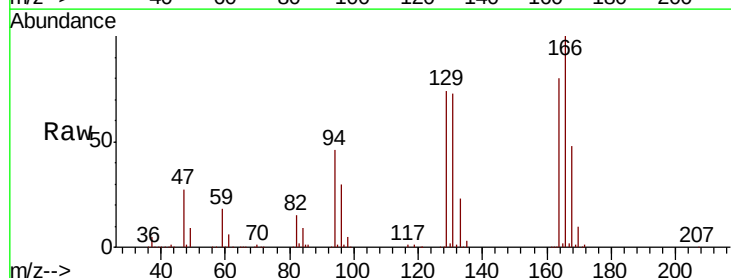
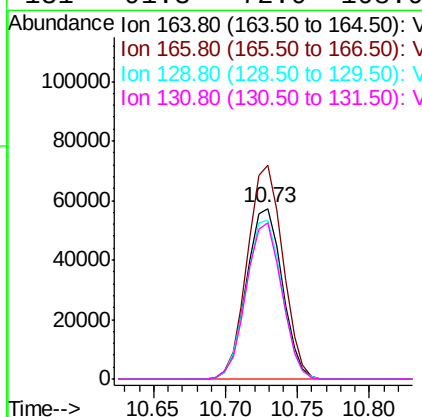
Manual Integrations
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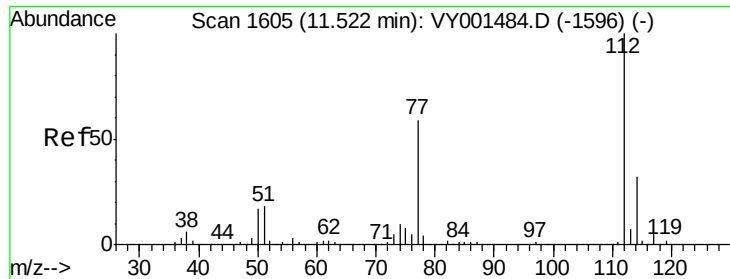
MMDadoda
2/11/2020 6:10:58 PM



#64
Tetrachloroethene
Concen: 45.468 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY001578.D
Acq: 10 Feb 2020 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	98377		
166	125.0		100.8	151.2
129	92.5		77.8	116.6
131	91.3		72.0	108.0





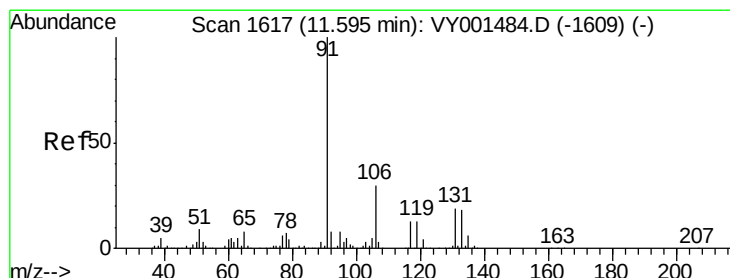
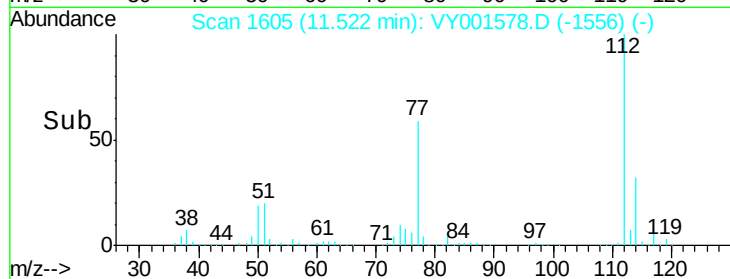
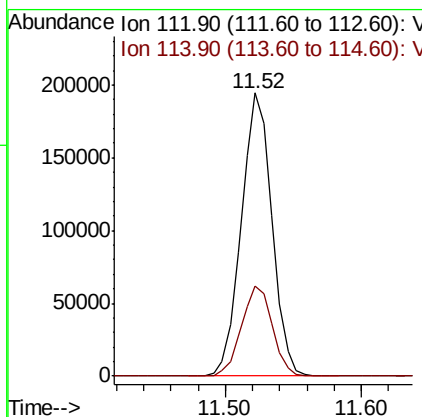
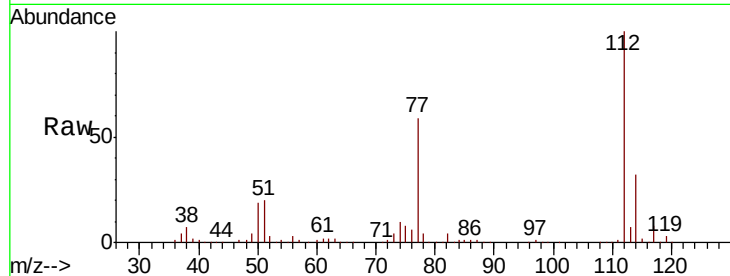
#65
Chlorobenzene
Concen: 47.182 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VY001578.D
Acq: 10 Feb 2020 11:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 305645
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2

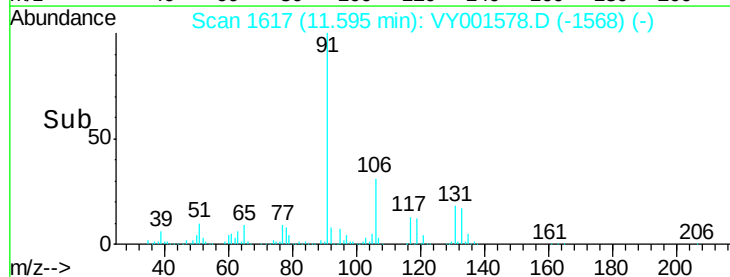
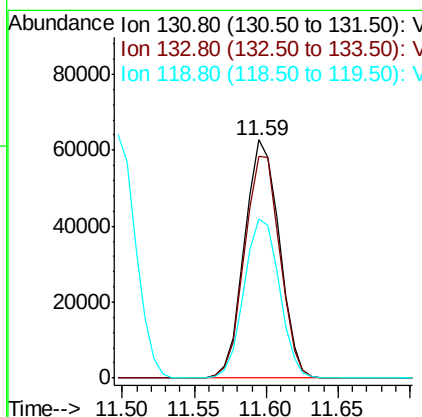
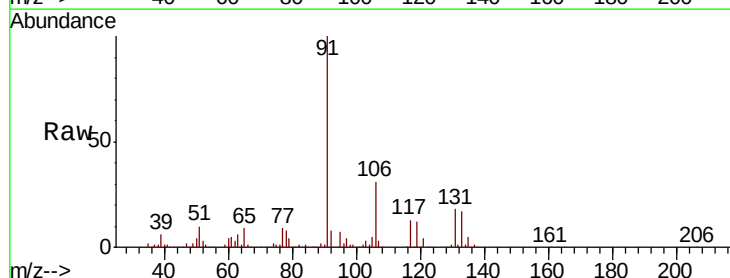
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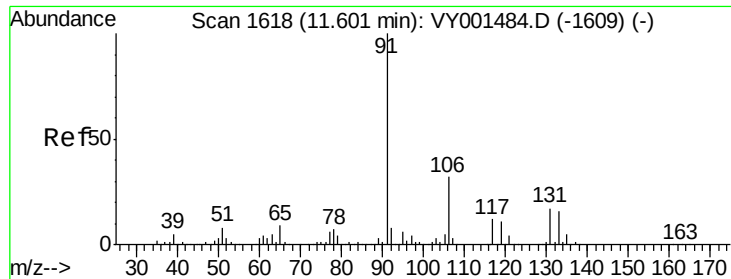
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 46.251 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY001578.D
Acq: 10 Feb 2020 11:56

Tgt Ion:131 Resp: 104862
Ion Ratio Lower Upper
131 100
133 94.6 47.9 143.8
119 67.5 33.7 101.0





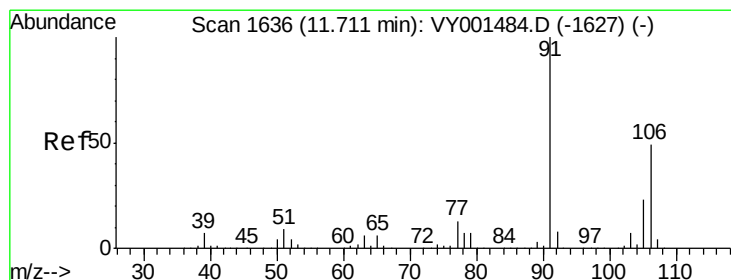
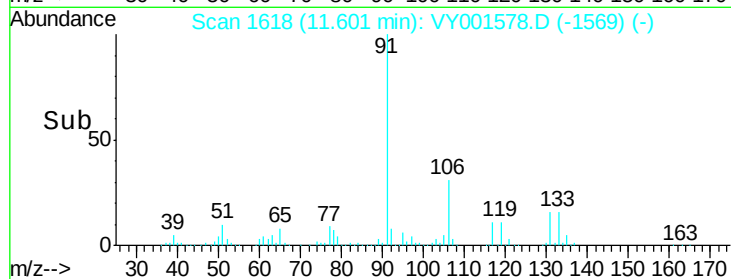
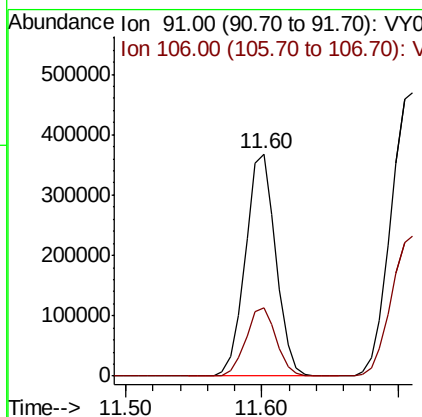
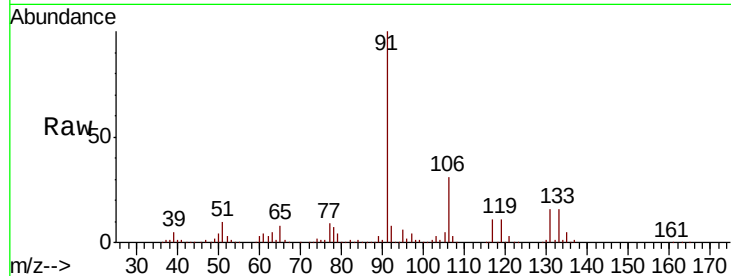
#67
Ethyl Benzene
Concen: 48.016 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001578.D
Acq: 10 Feb 2020 11:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 575108
Ion Ratio Lower Upper
91 100
106 30.8 25.3 37.9

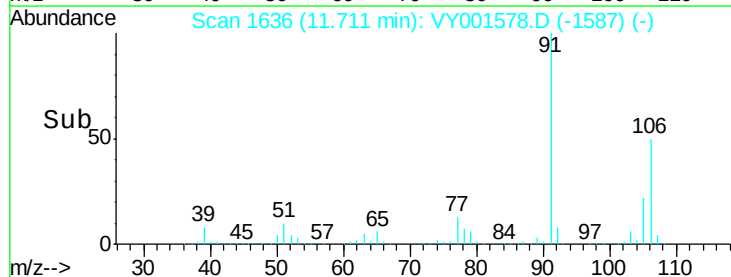
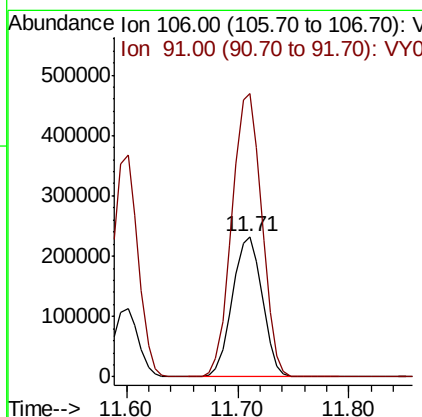
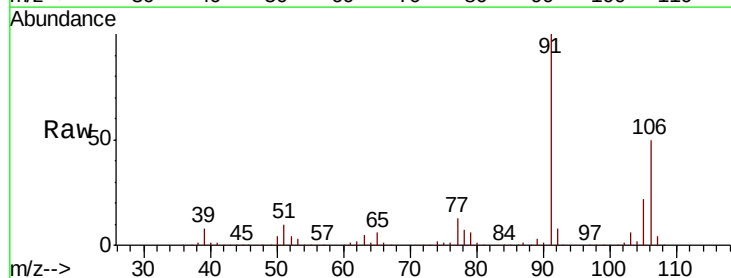
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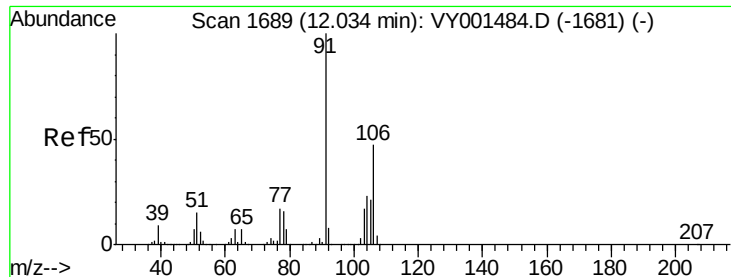
MMDadoda
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#68
m/p-Xylenes
Concen: 96.071 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY001578.D
Acq: 10 Feb 2020 11:56

Tgt Ion: 106 Resp: 431976
Ion Ratio Lower Upper
106 100
91 202.1 163.6 245.4





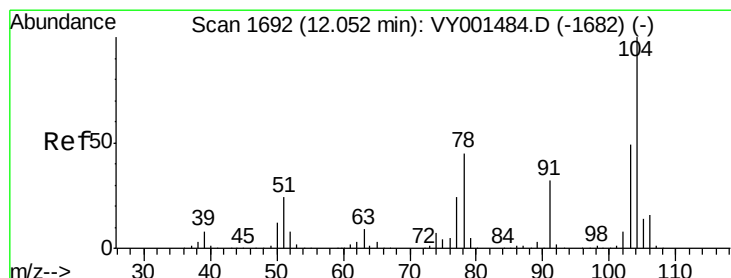
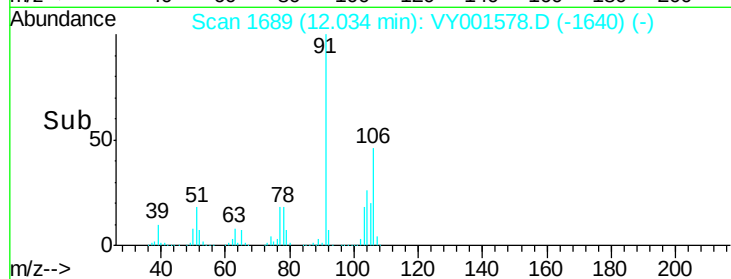
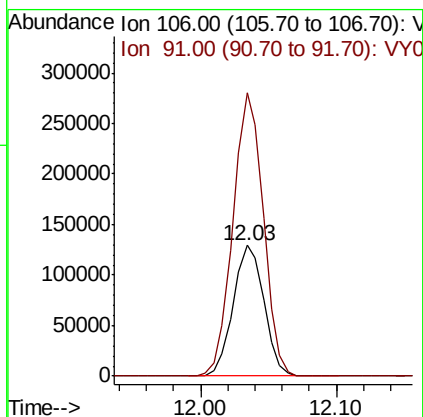
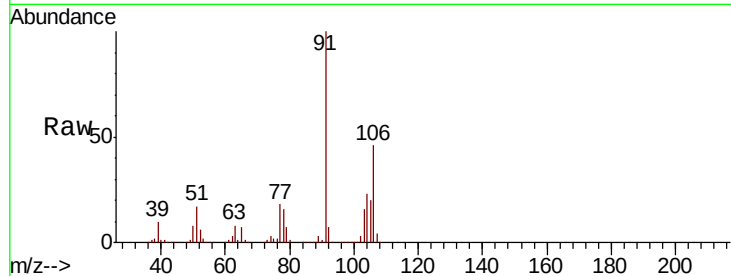
#69
o-Xylene
Concen: 48.017 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY001578.D
Acq: 10 Feb 2020 11:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		203569		
91	213.8	106.0	318.0		

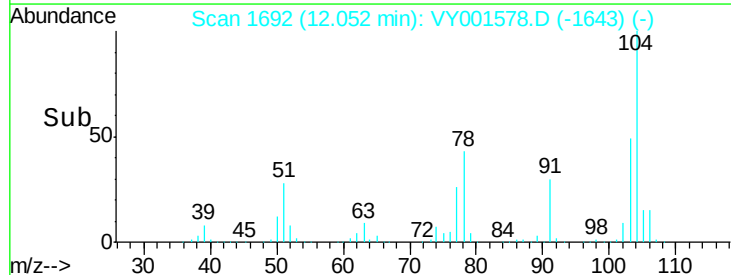
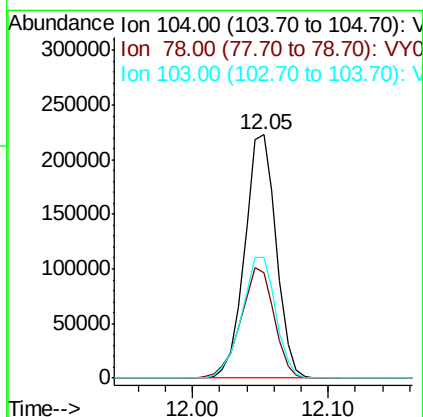
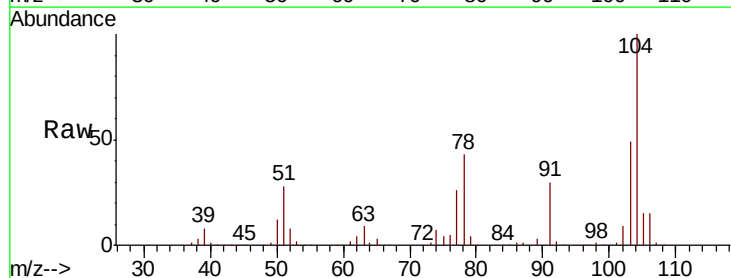
Manual Integrations
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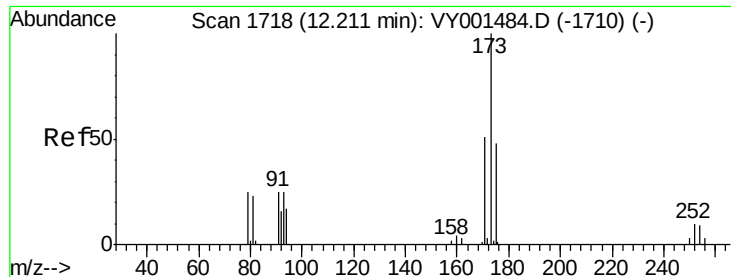
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#70
Styrene
Concen: 48.987 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY001578.D
Acq: 10 Feb 2020 11:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		359143		
78	48.3	40.4	60.6		
103	53.8	42.8	64.2		





#71

Bromoform

Concen: 48.593 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.00 min

Lab File: VY001578.D

Acq: 10 Feb 2020 11:56

Instrument :

MSVOA_Y

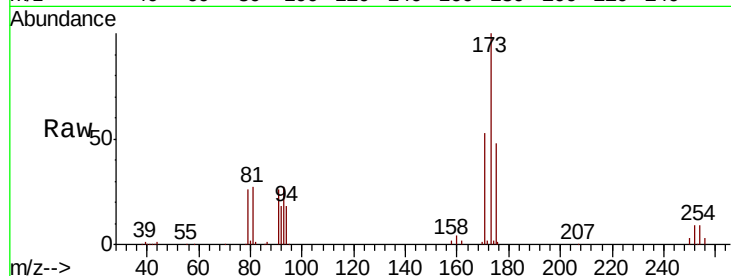
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.0	72.0
254	0.0	0.1	0.1#

Manual Integrations
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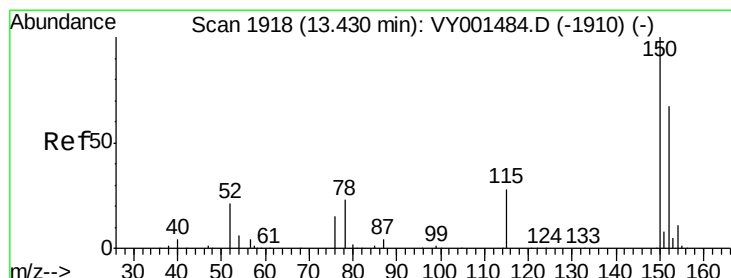
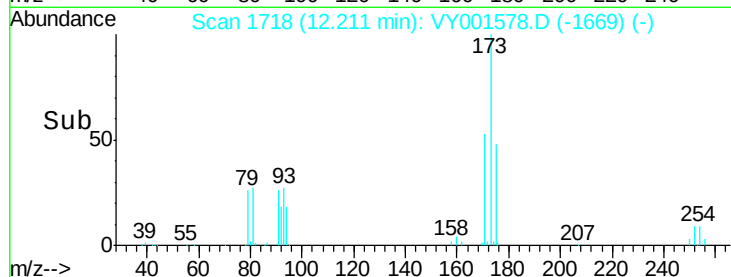
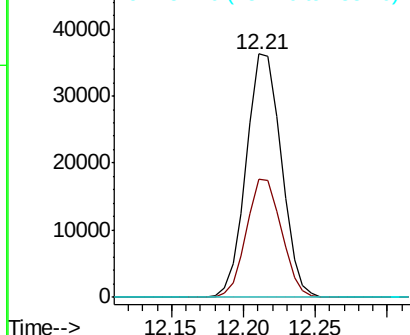


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

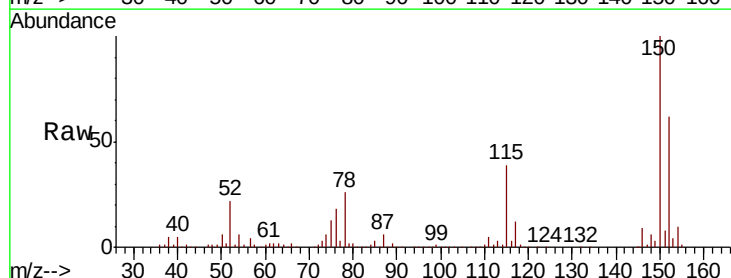
RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY001578.D

Acq: 10 Feb 2020 11:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.2	31.4	94.3
150	171.9	0.0	346.8

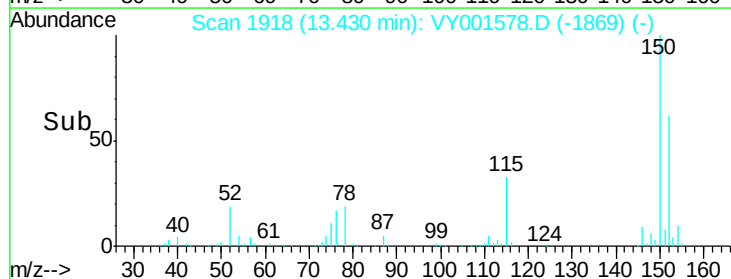
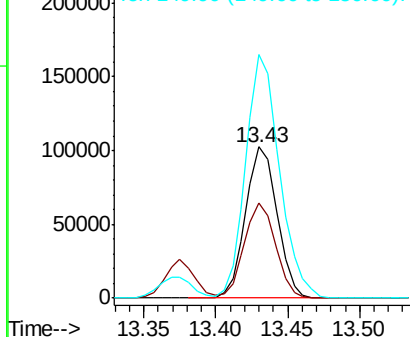


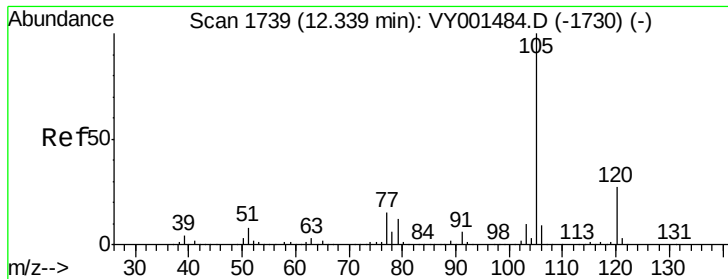
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.789 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY001578.D

Acq: 10 Feb 2020 11:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 556064

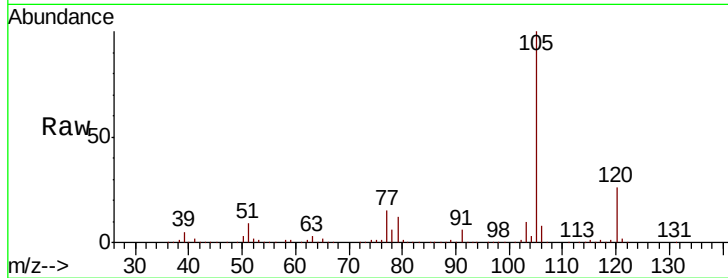
Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.9

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.34

400000

300000

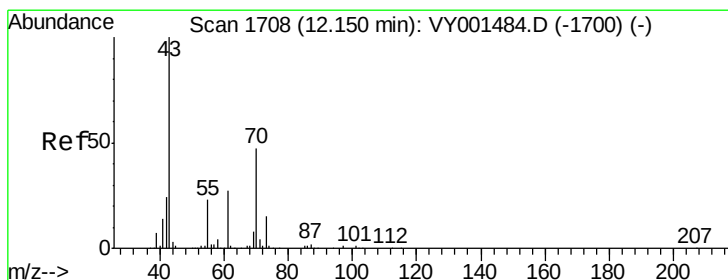
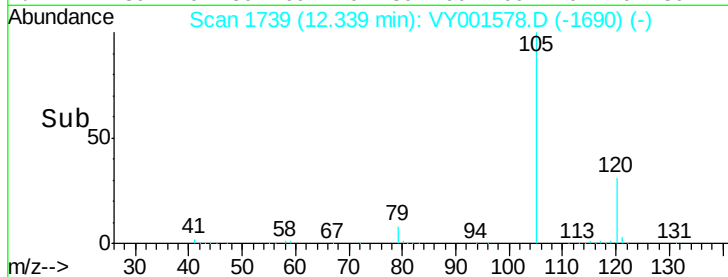
200000

100000

0

12.30 12.40

Time-->



#74

N-ethyl acetate

Concen: 56.098 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY001578.D

Acq: 10 Feb 2020 11:56

Tgt Ion: 43 Resp: 173243

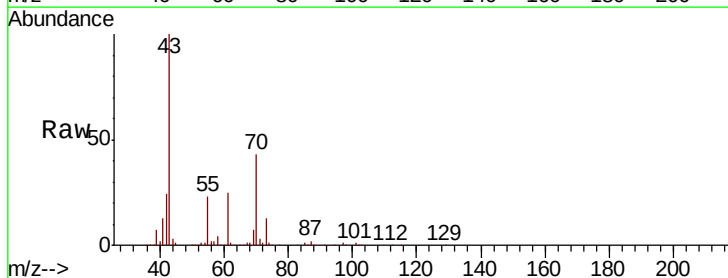
Ion Ratio Lower Upper

43 100

70 42.8 37.2 55.8

55 23.0 18.8 28.2

61 25.5 21.4 32.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

12.15

150000

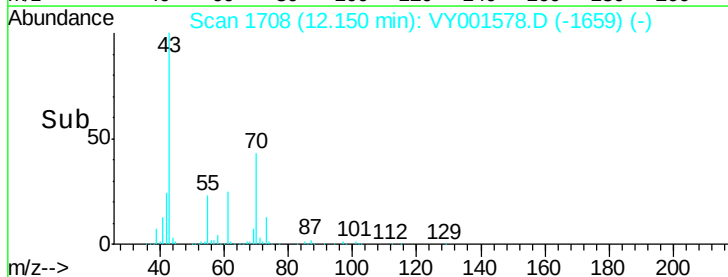
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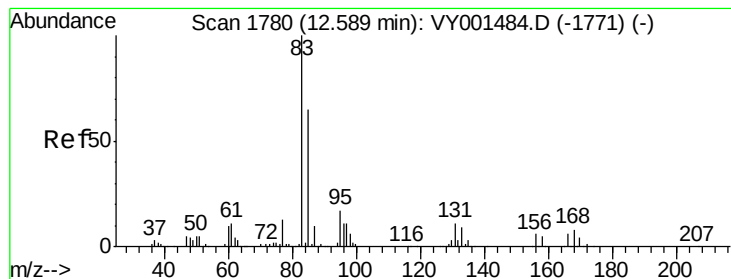
50000

0

12.10 12.20

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 52.228 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY001578.D

Acq: 10 Feb 2020 11:56

Instrument :

MSVOA_Y

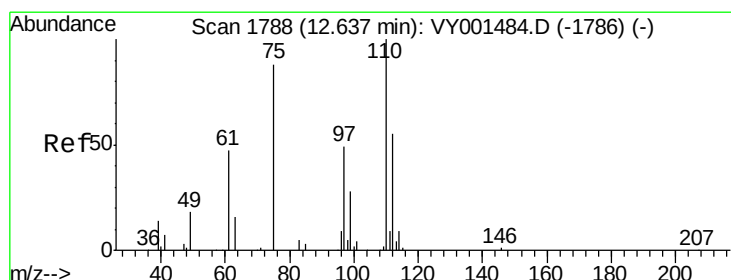
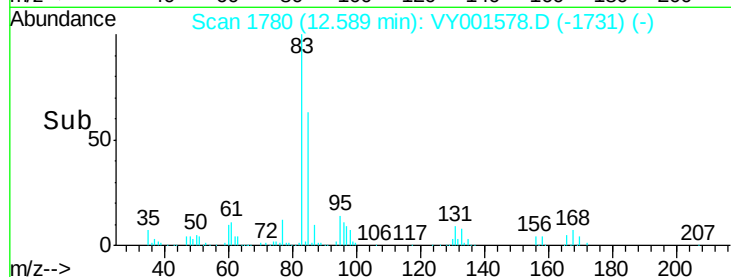
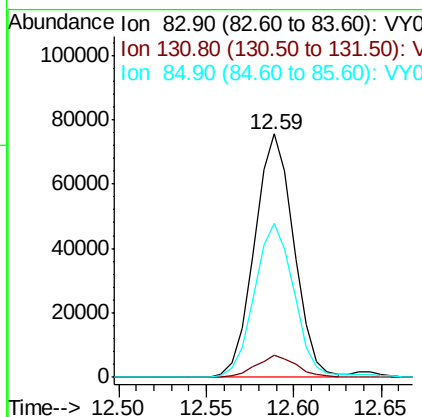
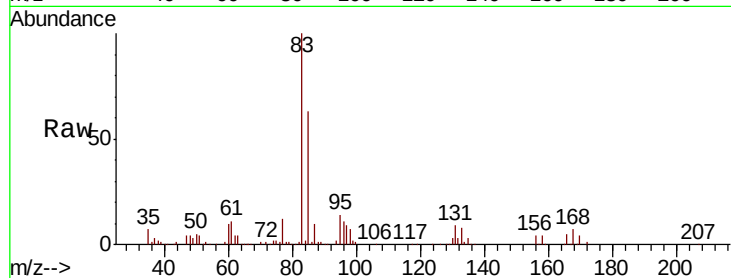
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	117928
Ion Ratio	Lower	Upper	
83	100		
131	9.3	5.4	16.2
85	63.6	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 49.748 ug/l m

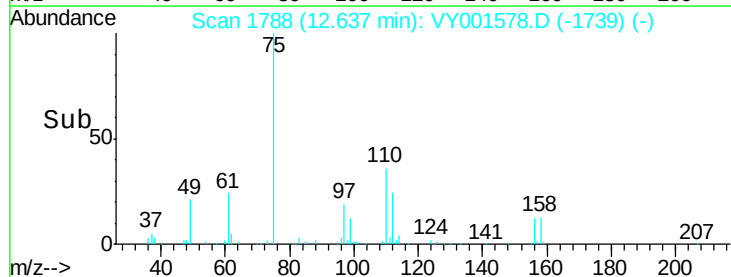
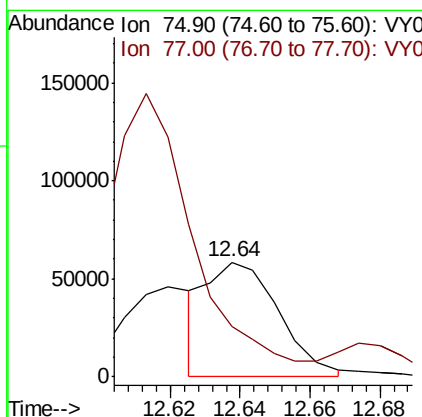
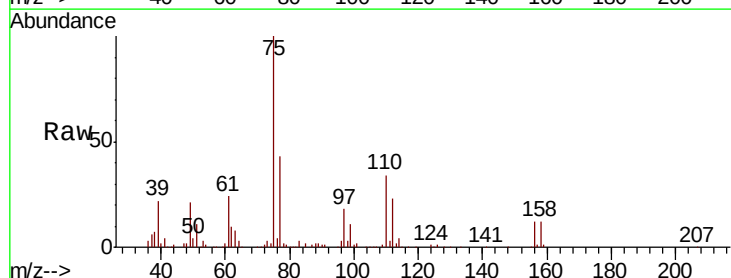
RT: 12.64 min Scan# 1788

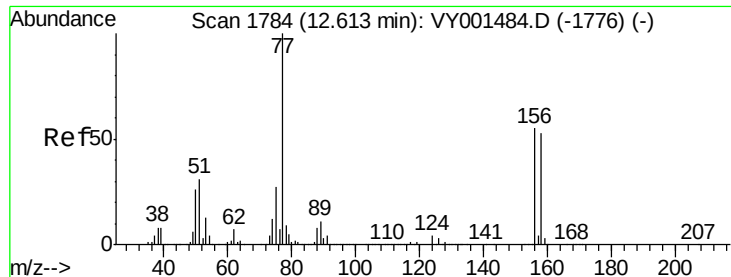
Delta R.T. 0.00 min

Lab File: VY001578.D

Acq: 10 Feb 2020 11:56

Tgt Ion:	75	Resp:	83365
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 46.143 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY001578.D

Acq: 10 Feb 2020 11:56

Instrument :

MSVOA_Y

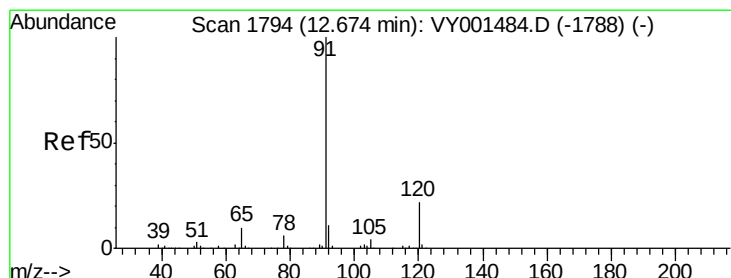
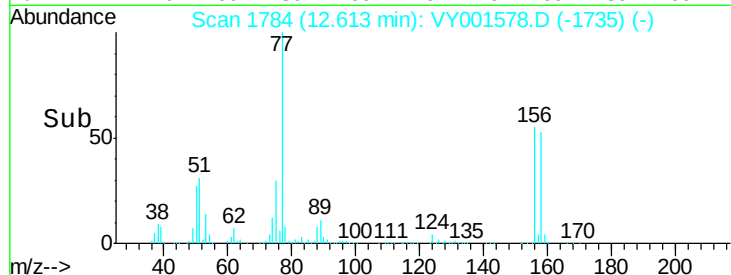
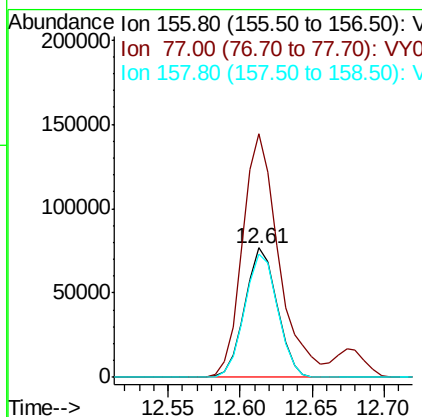
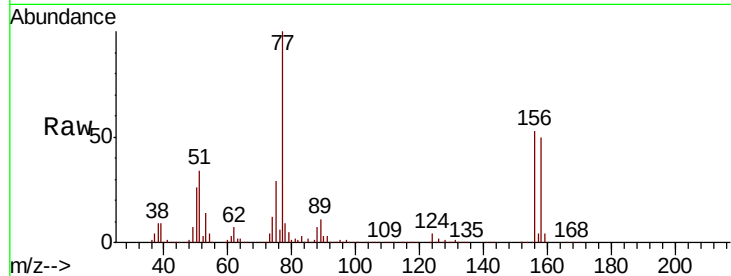
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	118676
Ion Ratio	Lower	Upper	
156	100		
77	211.9	99.8	299.3
158	97.3	47.5	142.6

Manual Integrations
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#78

n-propylbenzene

Concen: 47.996 ug/l

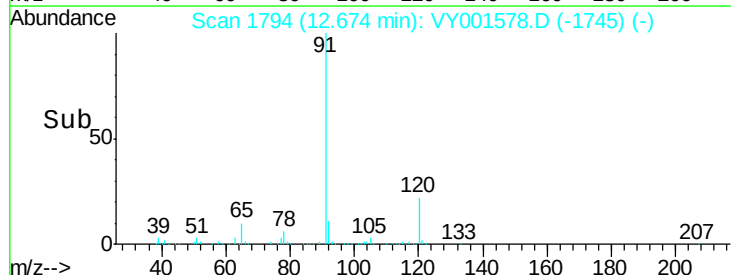
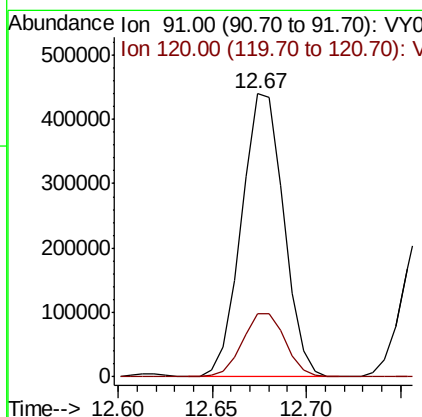
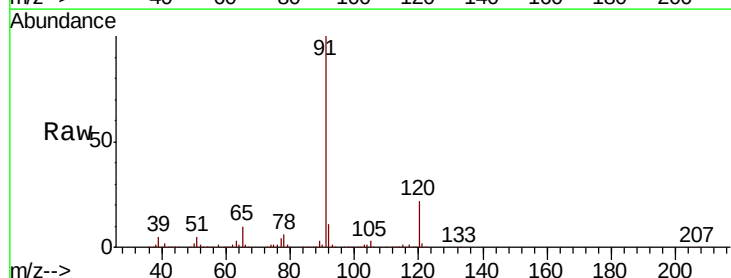
RT: 12.67 min Scan# 1794

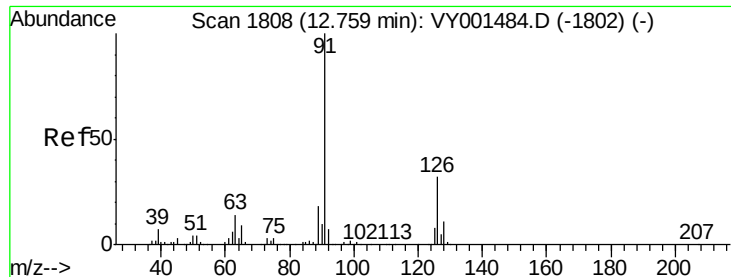
Delta R.T. 0.00 min

Lab File: VY001578.D

Acq: 10 Feb 2020 11:56

Tgt Ion:	91	Resp:	682872
Ion Ratio	Lower	Upper	
91	100		
120	22.6	11.4	34.2





#79

2-Chlorotoluene

Concen: 46.642 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.01 min

Lab File: VY001578.D

Acq: 10 Feb 2020 11:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 378269

Ion Ratio Lower Upper

91 100

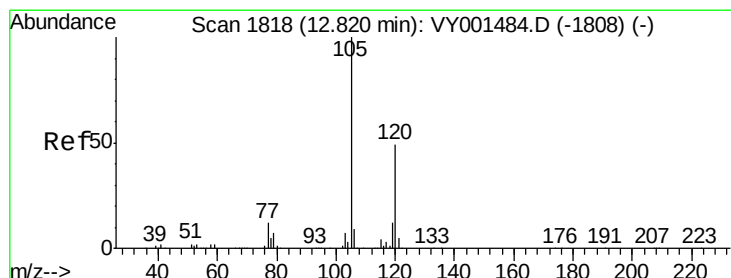
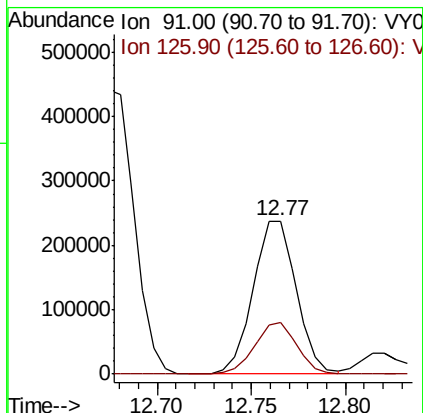
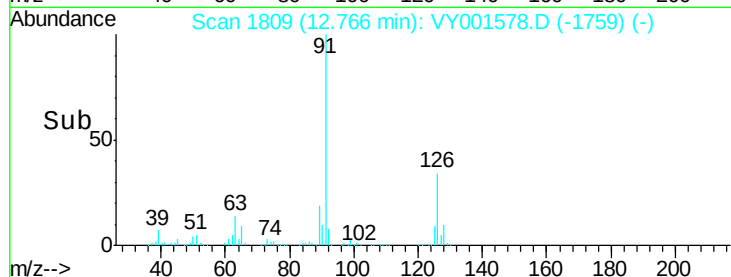
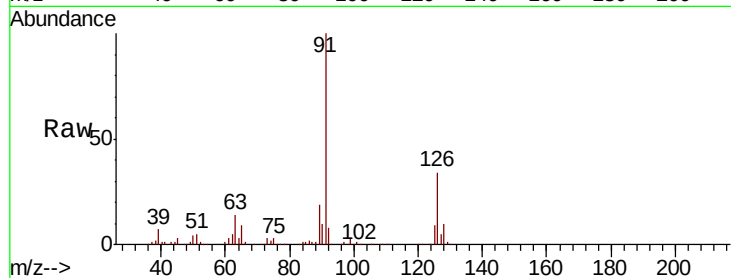
126 32.8 16.4 49.2

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 46.614 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY001578.D

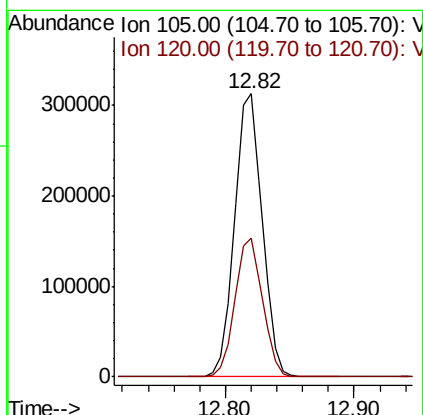
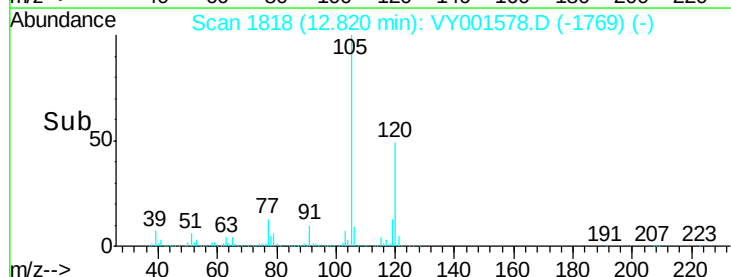
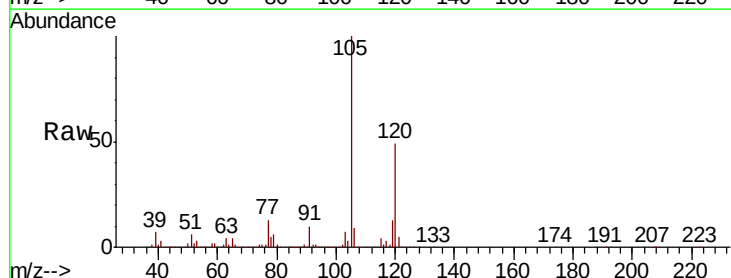
Acq: 10 Feb 2020 11:56

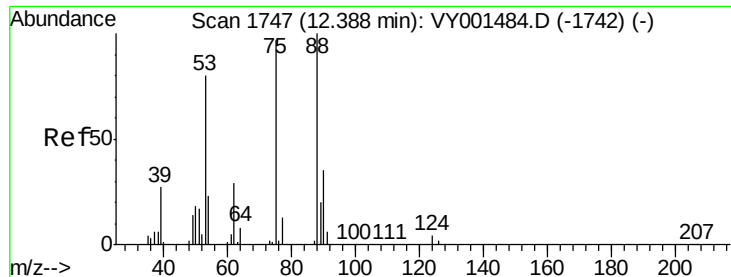
Tgt Ion: 105 Resp: 466546

Ion Ratio Lower Upper

105 100

120 49.0 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 51.342 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY001578.D

Acq: 10 Feb 2020 11:56

Instrument :

MSVOA_Y

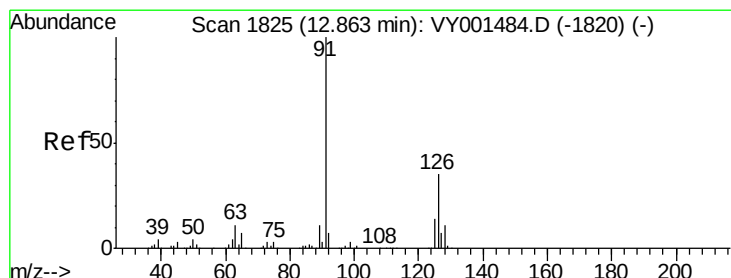
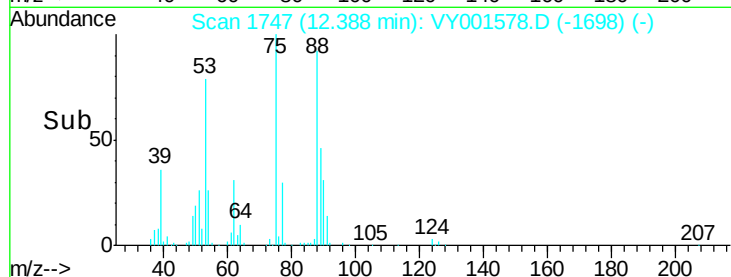
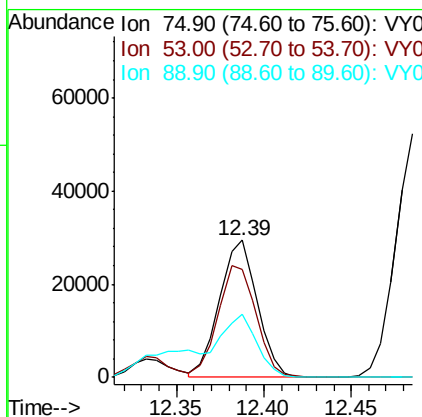
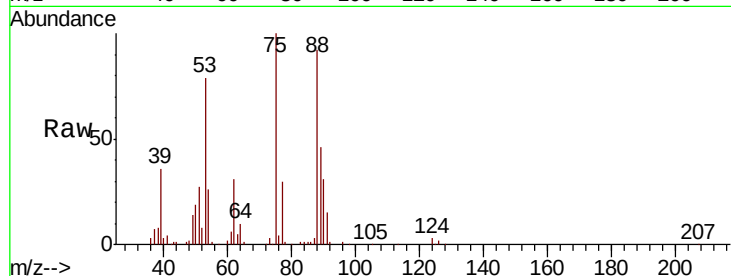
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	44464
Ion	Ratio	Lower	Upper
75	100		
53	82.1	67.7	101.5
89	45.4	34.6	52.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 47.135 ug/l

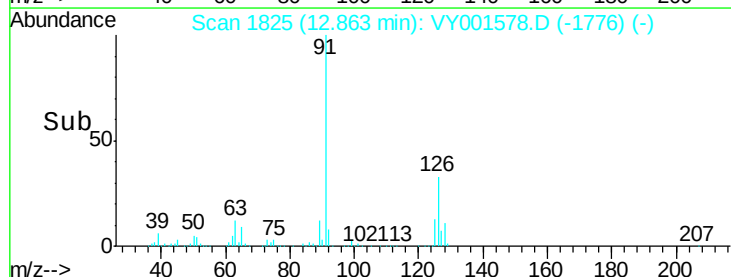
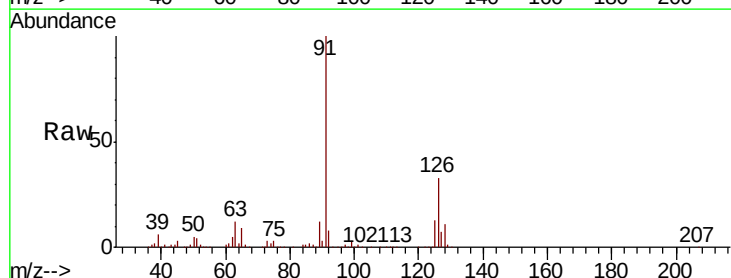
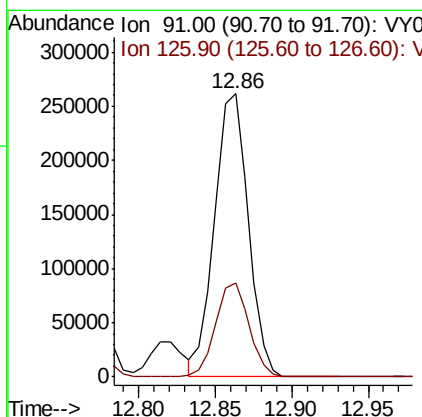
RT: 12.86 min Scan# 1825

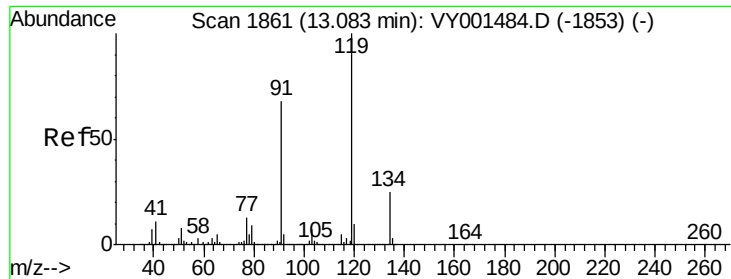
Delta R.T. 0.00 min

Lab File: VY001578.D

Acq: 10 Feb 2020 11:56

Tgt Ion:	91	Resp:	400793
Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.5	49.5





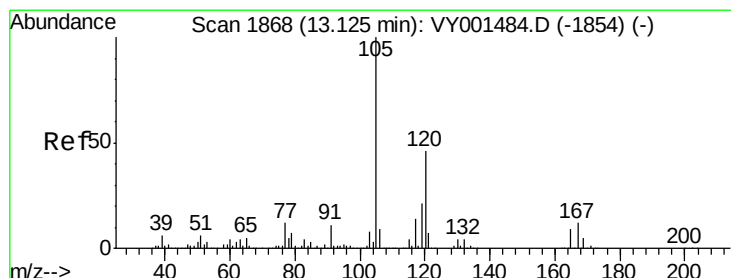
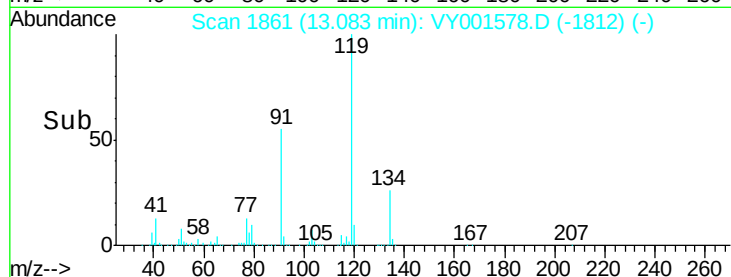
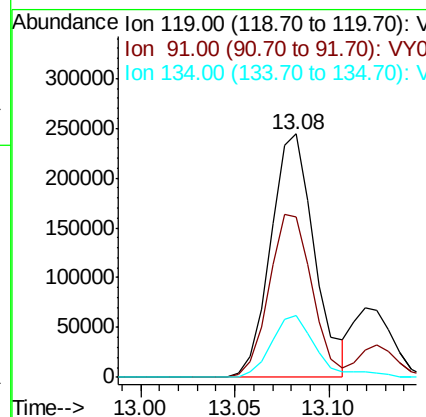
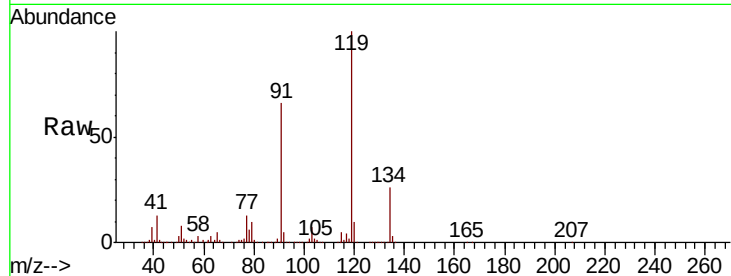
#83
 tert-Butylbenzene
 Concen: 46.445 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VY001578.D
 Acq: 10 Feb 2020 11:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.7	33.1	99.3
134	26.4	13.0	39.0

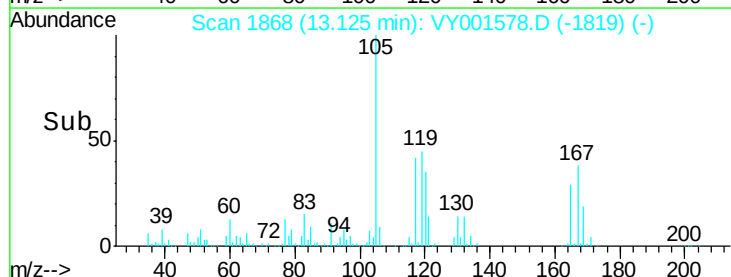
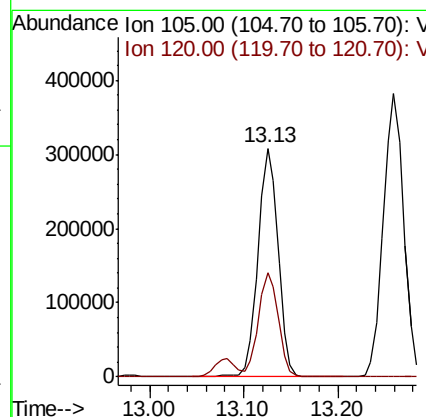
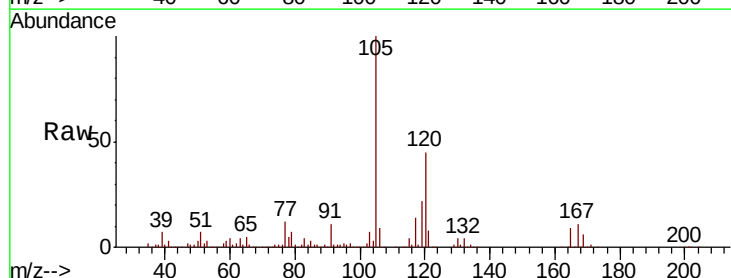
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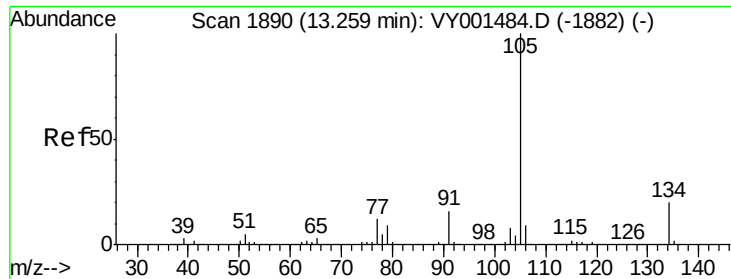
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#84
 1,2,4-Trimethylbenzene
 Concen: 46.276 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VY001578.D
 Acq: 10 Feb 2020 11:56

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.4	67.0





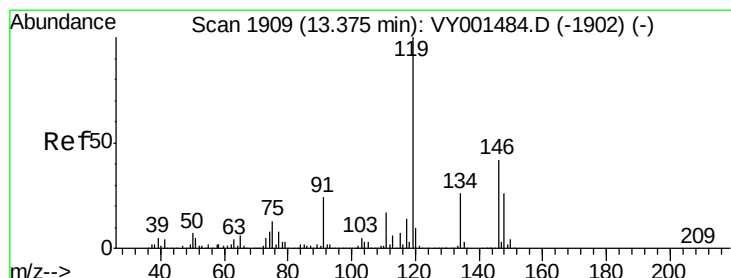
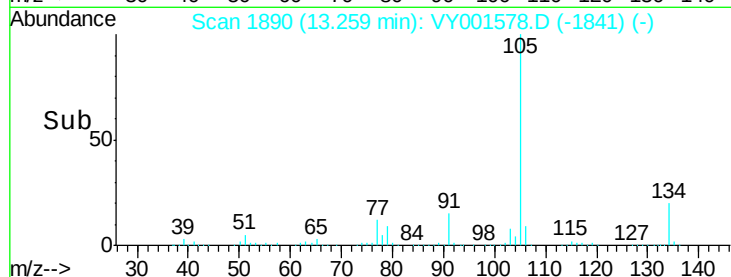
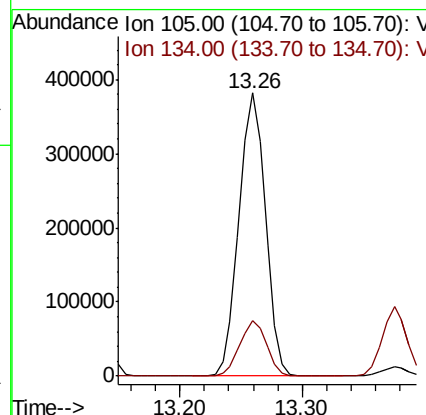
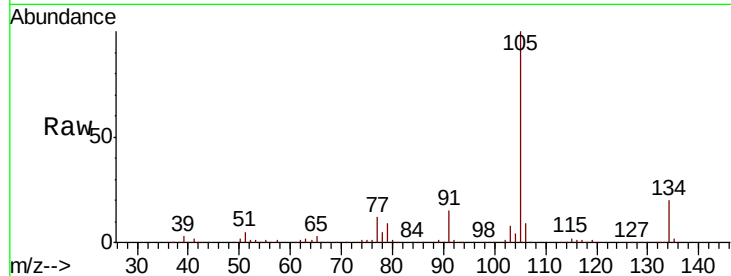
#85
 sec-Butylbenzene
 Concen: 48.209 ug/l
 RT: 13.26 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VY001578.D
 Acq: 10 Feb 2020 11:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion:105 Resp: 573437
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.0 29.8

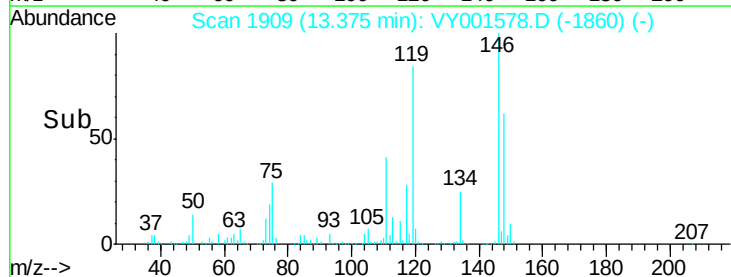
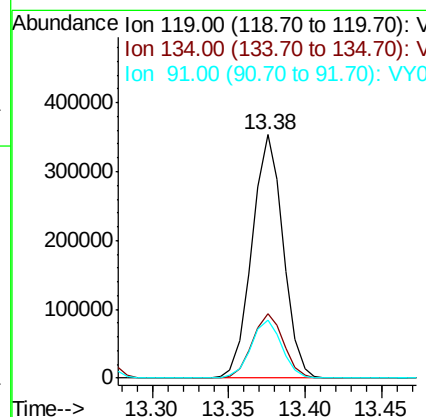
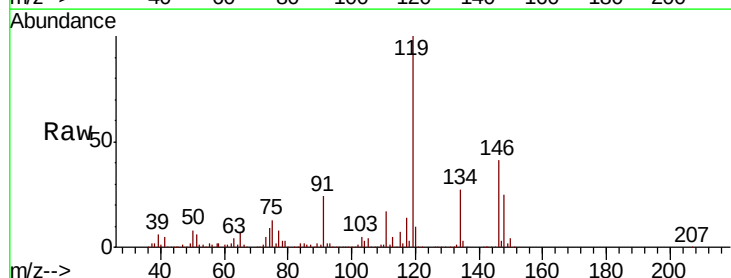
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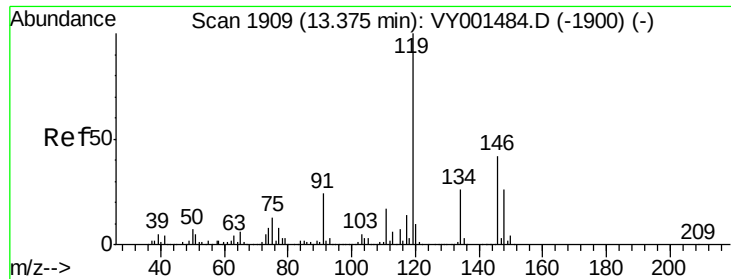
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#86
 p-Isopropyltoluene
 Concen: 47.690 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY001578.D
 Acq: 10 Feb 2020 11:56

Tgt Ion:119 Resp: 499882
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.8
 91 23.6 12.2 36.6





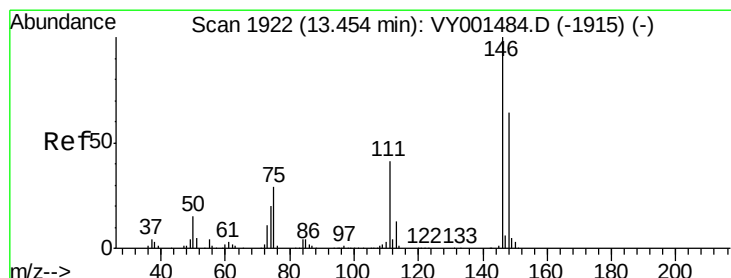
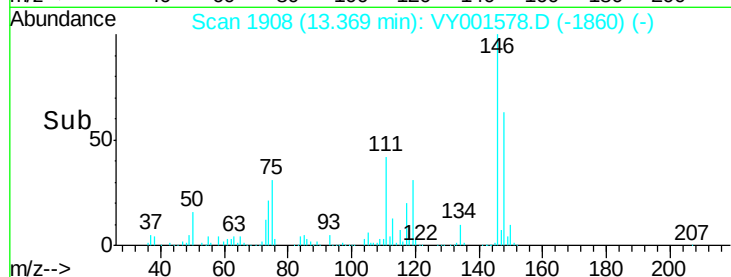
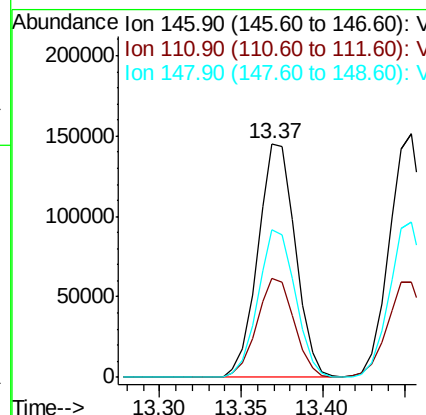
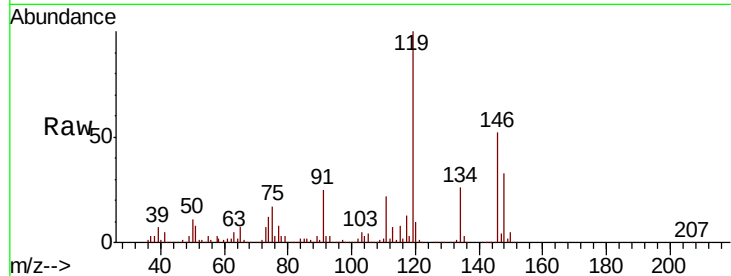
#87
 1,3-Dichlorobenzene
 Concen: 46.958 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY001578.D
 Acq: 10 Feb 2020 11:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.3	63.9
148	62.8	31.9	95.7

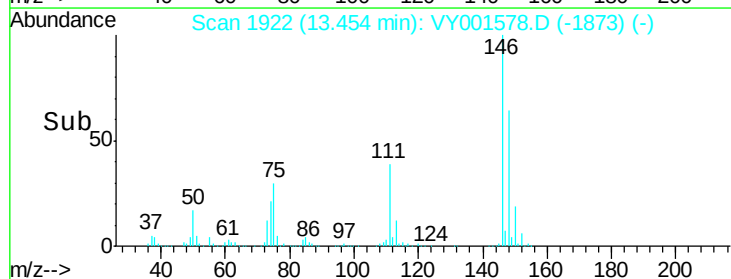
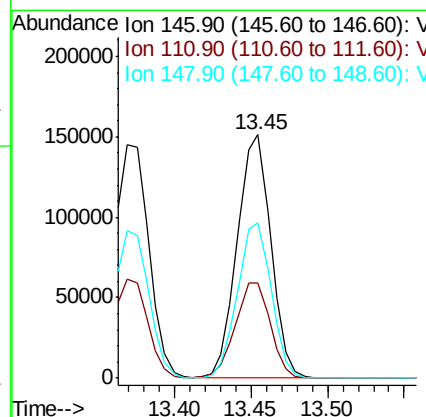
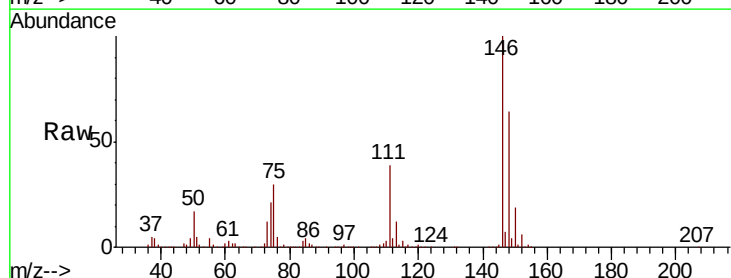
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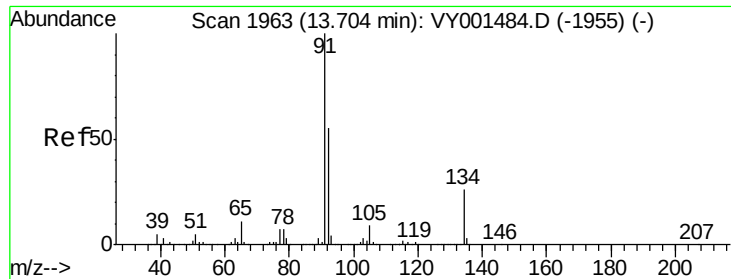
MMDadoda
 2/11/2020 6:10:58 PM



#88
 1,4-Dichlorobenzene
 Concen: 46.769 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY001578.D
 Acq: 10 Feb 2020 11:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.7	62.1
148	64.3	32.1	96.5





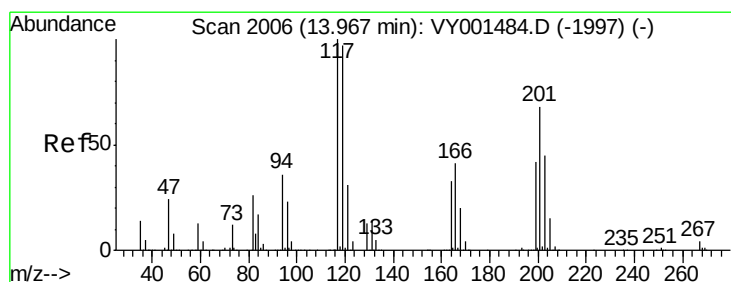
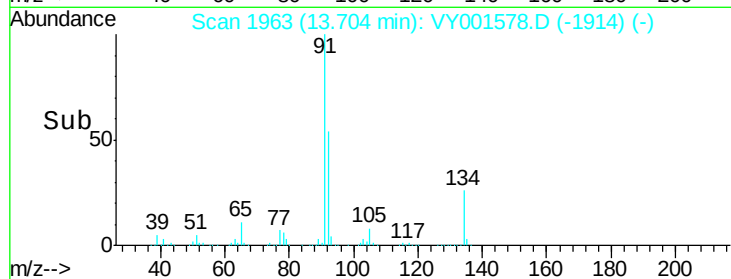
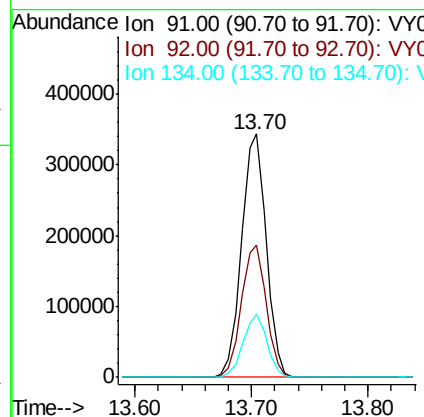
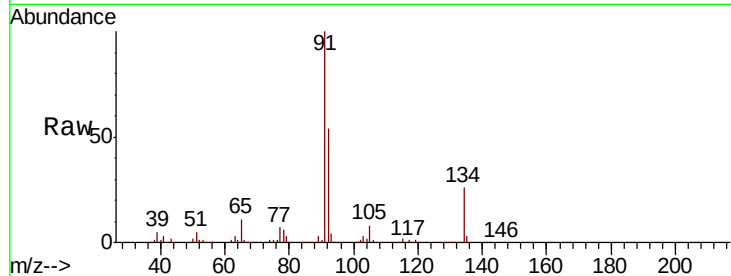
#89
n-Butylbenzene
Concen: 49.076 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY001578.D
Acq: 10 Feb 2020 11:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.3	81.9
134	25.3	13.0	38.9

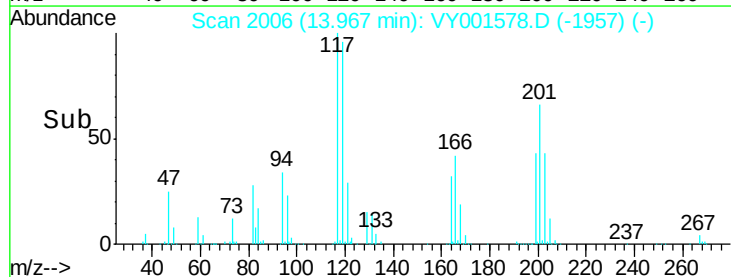
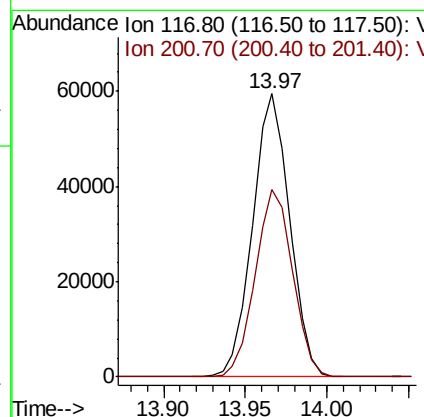
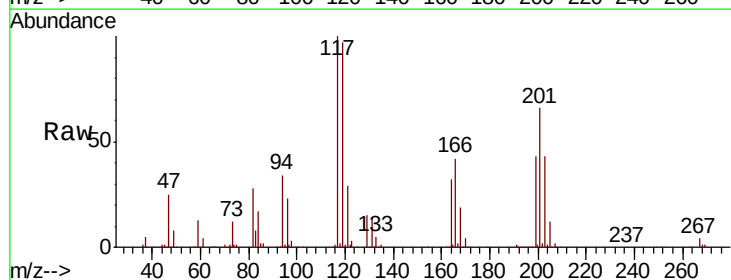
Manual Integrations
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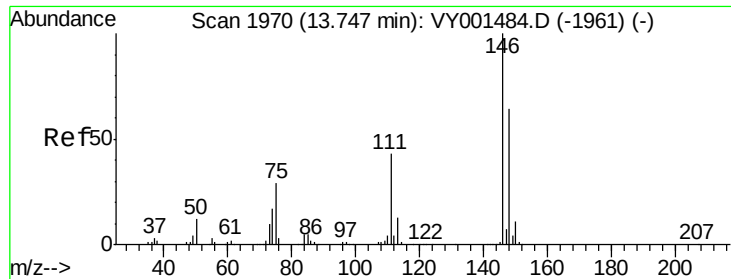
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#90
Hexachloroethane
Concen: 46.839 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. 0.00 min
Lab File: VY001578.D
Acq: 10 Feb 2020 11:56

Tgt Ion	Ratio	Lower	Upper
117	100		
201	66.8	34.1	102.3





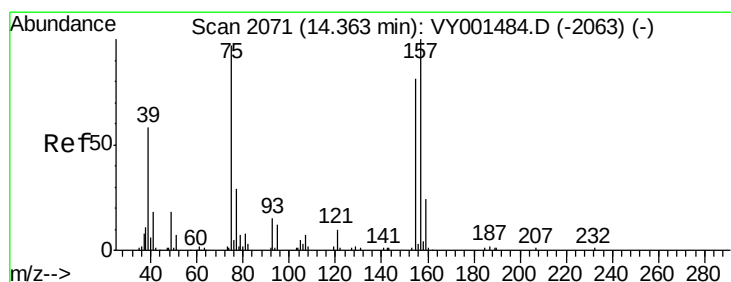
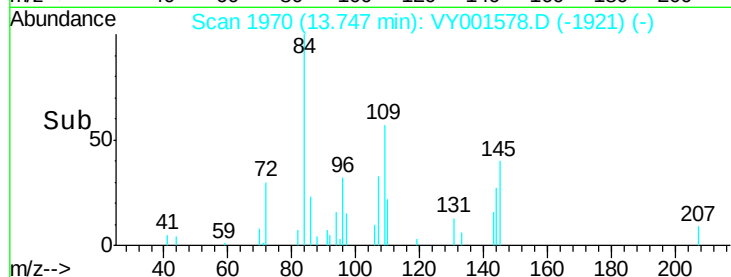
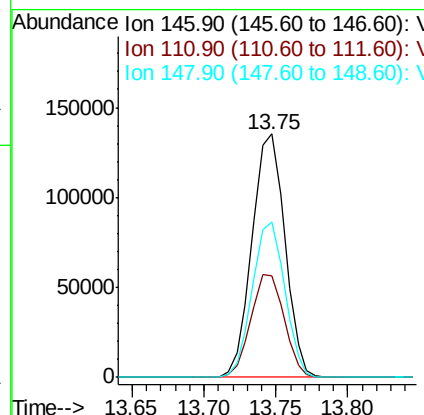
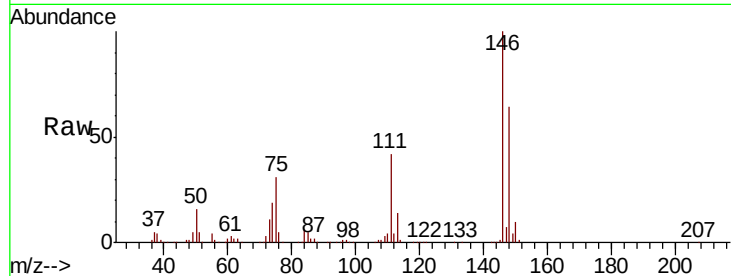
#91
 1,2-Dichlorobenzene
 Concen: 47.753 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY001578.D
 Acq: 10 Feb 2020 11:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.9	65.8
148	63.3	31.8	95.3

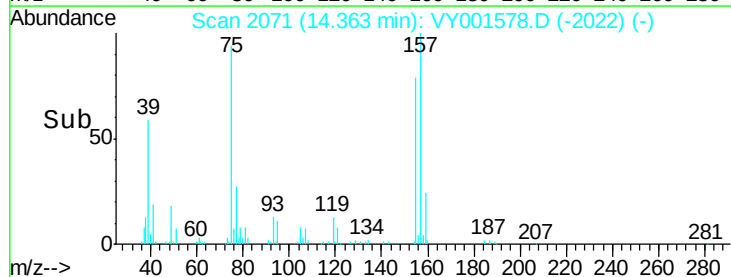
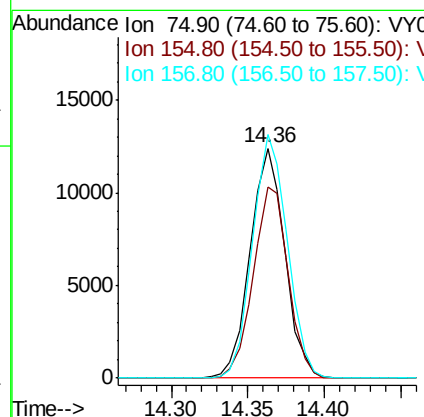
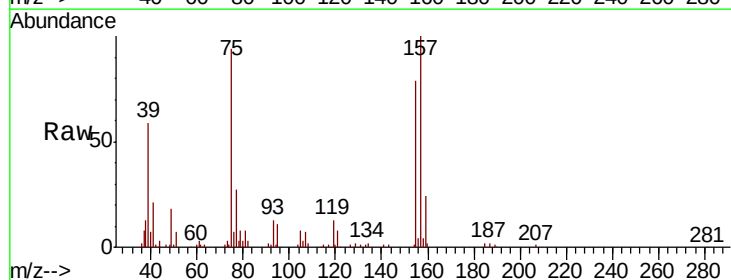
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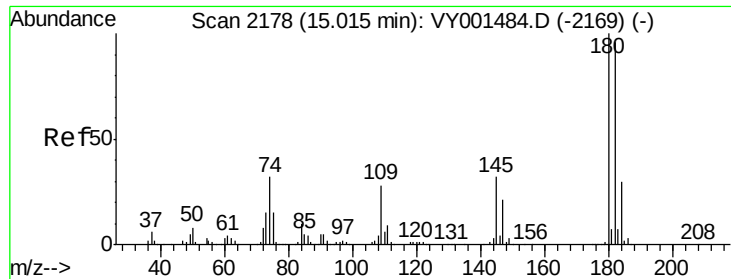
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.903 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VY001578.D
 Acq: 10 Feb 2020 11:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.4	40.7	122.1
157	106.1	52.3	157.1





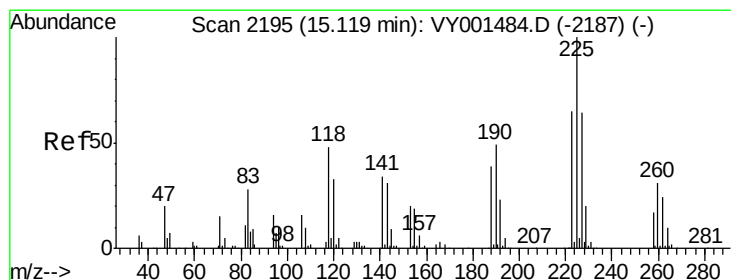
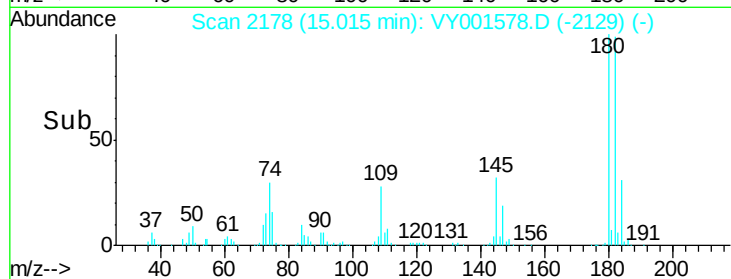
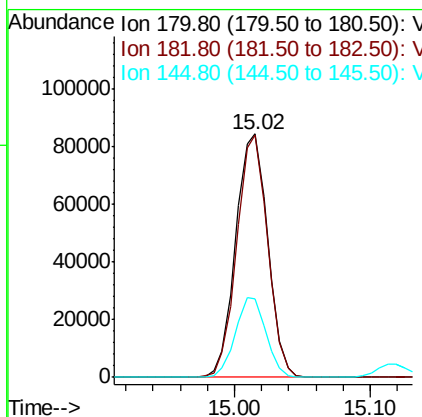
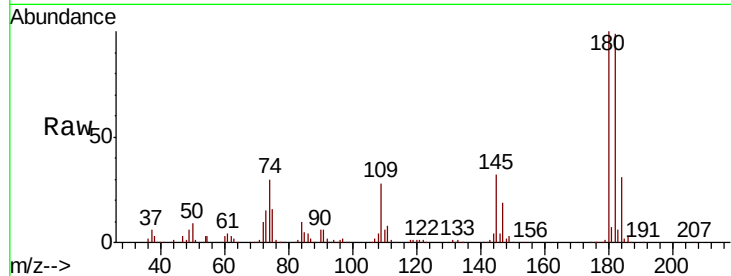
#93
 1,2,4-Trichlorobenzene
 Concen: 46.001 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: VY001578.D
 Acq: 10 Feb 2020 11:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	138466		
182	95.8	46.9	140.7	
145	31.6	16.8	50.3	

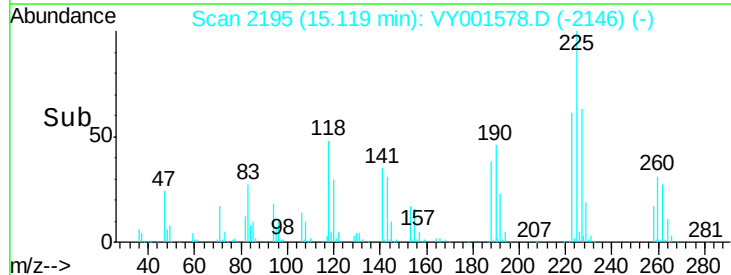
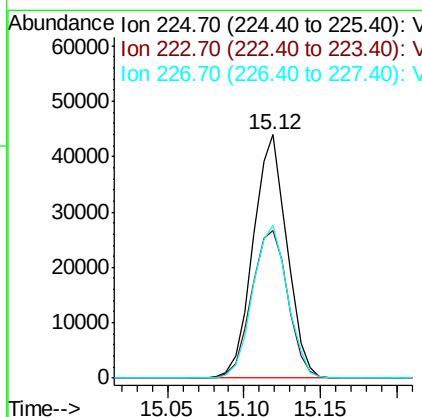
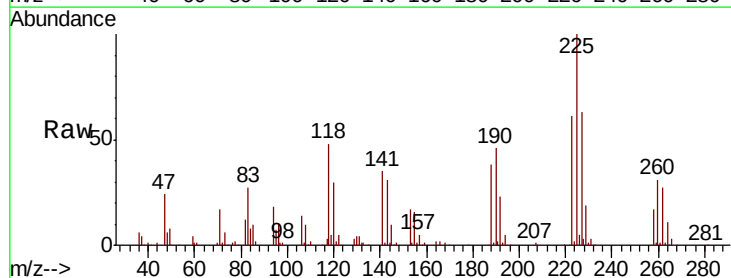
Manual Integrations
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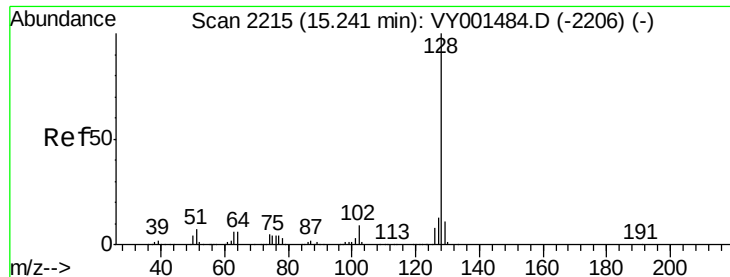
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 2/11/2020 6:10:58 PM



#94
 Hexachlorobutadiene
 Concen: 44.268 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VY001578.D
 Acq: 10 Feb 2020 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	67629		
223	64.9	31.9	95.7	
227	64.7	32.6	97.7	





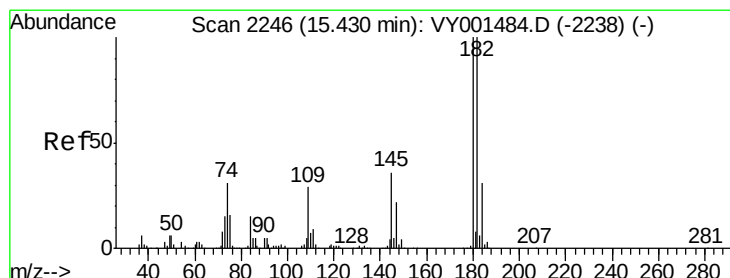
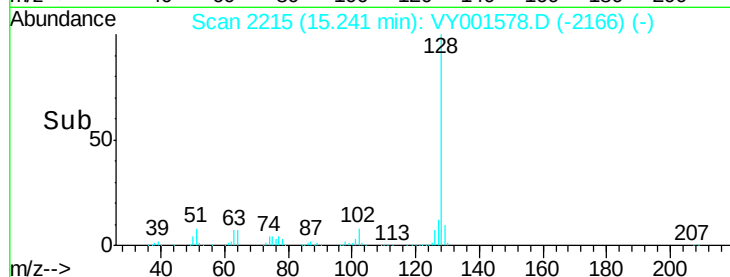
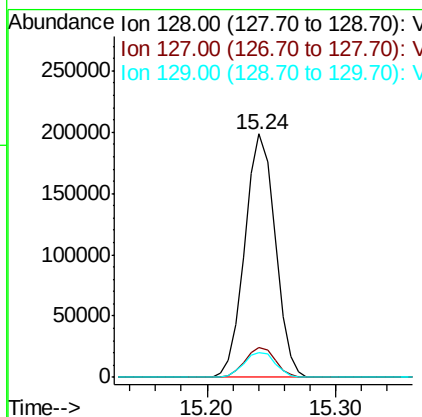
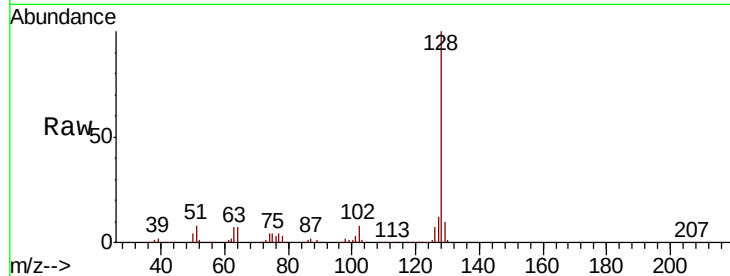
#95
Naphthalene
Concen: 45.672 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. 0.00 min
Lab File: VY001578.D
Acq: 10 Feb 2020 11:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	323097		
127	12.2		10.1	15.1
129	10.6		8.9	13.3

Manual Integrations
APPROVED

MMDadoda
2/11/2020 6:10:58 PM



#96
1,2,3-Trichlorobenzene
Concen: 46.592 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. 0.00 min
Lab File: VY001578.D
Acq: 10 Feb 2020 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	123799		
182	93.9		48.0	144.2
145	33.0		17.8	53.5

